

RECEIVED

MAY 29 2002

TECH CENTER 1600/2900

SEQUENCE LISTING

<110> GUEGLER, Karl et al

<120> ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
THEREOF

<130> CL001007

<140> 09/731,231

<141> 2000-12-07

<160> 6

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 2869

<212> DNA

<213> Human

<400> 1

agggttgccc ctagtttgag gctgcccga ttacccgcaa gacttgggca gccccgggag 60
ccgctccgac cacgacagg aaaggaactg accaactg gatgaattg accatttctt 120
aggagactgg aatgttaagt ttctataaat gaatgaacca gttctctctt gtttgagca 180
atgctgaaat tccaagaggc agctaggtgt gtgagtggat caacagccat ttccacttat 240
ccaaagacct tgattgcaag aagatactgt cttcaacaaa aacttggcag tggaagtttt 300
ggaactgtct atctggtttc agacaagaaa gccaaacgag gagaggaatt aaaggtactt 360
aaggaaatat ctgttgagga actaaatcca aatgaaactg tacaggccaa tttggaagcc 420
caactcctct ccaagctgga ccaccagcc attgtcaagt tccatgcaag ttttgaggag 480
caagataatt tctgcattat cacggagtac tgtgagggcc gagatctgga cgataaaatt 540
caggaatata aacaagctgg aaaaatcttt ccagaaaatc aaataataga atggtttatc 600
cagctgctgc tgggagttga ctacatgcat gagaggagga tacttcatcg agacttaaag 660
tcaaagaatg tatttctgaa aaataatctc cttaaaattg gagatttttg agtttctcga 720
cttctaattg gatcctgtga cctggccaca actttaactg gaactcccca ttatatgagt 780
cctgaggctc tgaaacacca aggctatgac acaaagtcgg acatctgggc actggcatgc 840
attttgtatg agatgtgctg catgaatcat gcattcgctg gctccaattt cttatccatt 900
gttttaaaaa ttgttgaagg tgacacacct tctctccctg agagatatcc aaaagaacta 960
aatgccatca tggaaagcat gttgaacaag aatccttcat taagaccatc tgctatcgaa 1020
attttaaaaa tcccttacct tgatgagcag ctacagaacc taatgtgtag atattcagaa 1080
atgactctgg aagacaaaaa tttggattgt cagaaggagg ctgctcatat aattaatgcc 1140
atgcaaaaaa ggatccacct gcagactctg agggcactgt cagaagtaca gaaaatgacg 1200
ccaagagaaa ggatgaggct gaggaagctc caggcggctg atgagaaagc caggaagctg 1260
aaaaagattg tggaaagaaa atatgaagaa aatagcaaac gaatgcaaga attgagatct 1320
cggaactttc agcagctgag tgttgatgta ctccatgaaa aaacacattt aaaaggaatg 1380
gaagaaaagg aggagcaacc tgaggggaaga ctttcttgtt caccacagga cgaggatgaa 1440
gagagggtggc aaggcaggga agaggaatct gatgaaccaa ctttagagaa cctgcctgag 1500
tctcagccta ttccttccat ggacctccac gaacttgaat caattgtaga ggatgccaca 1560
tctgaccttg gataccatga gatccagaa gaccacttg tggctgaaga gtactacgct 1620
gatgcatttg attcctattg tgtagagagt gatgaggagg aagaagaaat agcgttagaa 1680
agaccagaga aagaaatcag gaatgaggga tcccagcctg cttacagaac aaaccaacag 1740
gacagtgata tcgaagcgtt ggccagggtg ttggaaaatg tcctggggtg cacttctcta 1800
gacacaaaga ccataccacc catggctgaa gacatgtccc caggaccacc aattttcaac 1860
agtgtgatgg ccaggaccaa gatgaaacgc atgagggaat cagccatgca gaagctgggg 1920
acagaagtat ttgaagaggt ctataattac ctcaagagag caaggcatca gaatgctagc 1980



gaagcagaga tccgcgagtg tttggaaaaa gtggtgcctc aagccagcga ctgttttgaa 2040
 gtggaccagc tcctgtactt tgaagagcag ttgctgatca cgatgggaaa agaacctact 2100
 ctccagaacc atctctaggc aactatcaaa aagaagcaga agttcaagtg gacaaattta 2160
 tgtgaaaatt catttaacat ataagctgaa ctctattatg gggaatggat acaaaagcag 2220
 agtcccatc ttgactttca attcctcatc agaagtactg gcttctttag agagtagtaa 2280
 gcatggctgc ctatgcttgg agtcataagt gttatttggga ctataccctg agataagctt 2340
 atagatcaag tttggctccc ttgaaaagca tttctctcat gtgcgcctc agggcttcca 2400
 gcaggattga gtcaccctga cgatgaccgg ggagaagccg tgtgctcttc attattttca 2460
 gctggaggac agagctcagt gcctgactgc ctagggtctc atggactgta ggcagcctgc 2520
 cagtgaaggt cactggactc tagcctacaa catgctgagc tacagcccag aagccagaca 2580
 tgcctgtctt agctgacctg tttttgggtcc acttttgccc ttccatgact aataaggaag 2640
 atatgtgtgt atttcataca cacacaagga cctggattaa aaatccaaaa agtgattctc 2700
 ttctatgatt tatttcaaac tcatccatag ataattcaag atttgtattc aaaataaaca 2760
 tagttttcac agttacaaaa taaaaaaaaa attttatctt taaaaaaaaa aaaaaaaaaa 2820
 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 2869

<210> 2
 <211> 645
 <212> PRT
 <213> Human

<400> 2

Met Leu Lys Phe Gln Glu Ala Ala Arg Cys Val Ser Gly Ser Thr Ala
 1 5 10 15
 Ile Ser Thr Tyr Pro Lys Thr Leu Ile Ala Arg Arg Tyr Val Leu Gln
 20 25 30
 Gln Lys Leu Gly Ser Gly Ser Phe Gly Thr Val Tyr Leu Val Ser Asp
 35 40 45
 Lys Lys Ala Lys Arg Gly Glu Glu Leu Lys Val Leu Lys Glu Ile Ser
 50 55 60
 Val Gly Glu Leu Asn Pro Asn Glu Thr Val Gln Ala Asn Leu Glu Ala
 65 70 75 80
 Gln Leu Leu Ser Lys Leu Asp His Pro Ala Ile Val Lys Phe His Ala
 85 90 95
 Ser Phe Val Glu Gln Asp Asn Phe Cys Ile Ile Thr Glu Tyr Cys Glu
 100 105 110
 Gly Arg Asp Leu Asp Asp Lys Ile Gln Glu Tyr Lys Gln Ala Gly Lys
 115 120 125
 Ile Phe Pro Glu Asn Gln Ile Ile Glu Trp Phe Ile Gln Leu Leu Leu
 130 135 140
 Gly Val Asp Tyr Met His Glu Arg Arg Ile Leu His Arg Asp Leu Lys
 145 150 155 160
 Ser Lys Asn Val Phe Leu Lys Asn Asn Leu Leu Lys Ile Gly Asp Phe
 165 170 175
 Gly Val Ser Arg Leu Leu Met Gly Ser Cys Asp Leu Ala Thr Thr Leu
 180 185 190
 Thr Gly Thr Pro His Tyr Met Ser Pro Glu Ala Leu Lys His Gln Gly
 195 200 205
 Tyr Asp Thr Lys Ser Asp Ile Trp Ser Leu Ala Cys Ile Leu Tyr Glu
 210 215 220
 Met Cys Cys Met Asn His Ala Phe Ala Gly Ser Asn Phe Leu Ser Ile
 225 230 235 240
 Val Leu Lys Ile Val Glu Gly Asp Thr Pro Ser Leu Pro Glu Arg Tyr
 245 250 255
 Pro Lys Glu Leu Asn Ala Ile Met Glu Ser Met Leu Asn Lys Asn Pro
 260 265 270
 Ser Leu Arg Pro Ser Ala Ile Glu Ile Leu Lys Ile Pro Tyr Leu Asp

275 280 285
 Glu Gln Leu Gln Asn Leu Met Cys Arg Tyr Ser Glu Met Thr Leu Glu
 290 295 300
 Asp Lys Asn Leu Asp Cys Gln Lys Glu Ala Ala His Ile Ile Asn Ala
 305 310 315 320
 Met Gln Lys Arg Ile His Leu Gln Thr Leu Arg Ala Leu Ser Glu Val
 325 330 335
 Gln Lys Met Thr Pro Arg Glu Arg Met Arg Leu Arg Lys Leu Gln Ala
 340 345 350
 Ala Asp Glu Lys Ala Arg Lys Leu Lys Lys Ile Val Glu Glu Lys Tyr
 355 360 365
 Glu Glu Asn Ser Lys Arg Met Gln Glu Leu Arg Ser Arg Asn Phe Gln
 370 375 380
 Gln Leu Ser Val Asp Val Leu His Glu Lys Thr His Leu Lys Gly Met
 385 390 395 400
 Glu Glu Lys Glu Glu Gln Pro Glu Gly Arg Leu Ser Cys Ser Pro Gln
 405 410 415
 Asp Glu Asp Glu Glu Arg Trp Gln Gly Arg Glu Glu Glu Ser Asp Glu
 420 425 430
 Pro Thr Leu Glu Asn Leu Pro Glu Ser Gln Pro Ile Pro Ser Met Asp
 435 440 445
 Leu His Glu Leu Glu Ser Ile Val Glu Asp Ala Thr Ser Asp Leu Gly
 450 455 460
 Tyr His Glu Ile Pro Glu Asp Pro Leu Val Ala Glu Glu Tyr Tyr Ala
 465 470 475 480
 Asp Ala Phe Asp Ser Tyr Cys Val Glu Ser Asp Glu Glu Glu Glu Glu
 485 490 495
 Ile Ala Leu Glu Arg Pro Glu Lys Glu Ile Arg Asn Glu Gly Ser Gln
 500 505 510
 Pro Ala Tyr Arg Thr Asn Gln Gln Asp Ser Asp Ile Glu Ala Leu Ala
 515 520 525
 Arg Cys Leu Glu Asn Val Leu Gly Cys Thr Ser Leu Asp Thr Lys Thr
 530 535 540
 Ile Thr Thr Met Ala Glu Asp Met Ser Pro Gly Pro Pro Ile Phe Asn
 545 550 555 560
 Ser Val Met Ala Arg Thr Lys Met Lys Arg Met Arg Glu Ser Ala Met
 565 570 575
 Gln Lys Leu Gly Thr Glu Val Phe Glu Glu Val Tyr Asn Tyr Leu Lys
 580 585 590
 Arg Ala Arg His Gln Asn Ala Ser Glu Ala Glu Ile Arg Glu Cys Leu
 595 600 605
 Glu Lys Val Val Pro Gln Ala Ser Asp Cys Phe Glu Val Asp Gln Leu
 610 615 620
 Leu Tyr Phe Glu Glu Gln Leu Leu Ile Thr Met Gly Lys Glu Pro Thr
 625 630 635 640
 Leu Gln Asn His Leu
 645

<210> 3
 <211> 326014
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (1)...(326014)

<223> n = A,T,C or G

<400> 3

gctaaagagg gctgggacgt acgttccgaa atggctgctg tcaggctagg aaagcttggc 60
ccgcggtcc tctctgctt tctccgcta cttgggtcgg cgaacacttc cgccttgggtg 120
ccgcctcgcc ccgacttccc agtatgcccc gcgcctgctc cctggccacg gttccaaaca 180
gccgtggccc gcggtgtctg gcgctcggtg ggtgtggttg cccctagttt gaggcctgcc 240
cgattaccgc caagacttgg gcagccccgg gcgcgctcc gaccacgaca gggaaaggta 300
aagcgaactg tgctccttgg ggctagccag gctccccctg gagggggaag gtaatggttt 360
caagctgccc gggctgggtt ccgaatctct aggacgccat ggctgcgac tctctgcttt 420
cctggacgtc ttacctccgg atgtactcca gtctcagtgc ccctcaataa acgttaacct 480
gctttgccaa aatgtaaagt tttaaaaagg tgaagaagca aggaattgtt cgttttacct 540
taaggttaag atttacttta aaggtagatt tgtgctgtag cagaaactgg tgacaaattg 600
ccttcctctt attacctggg aagataacta ctggttttca acttgtgata aatactcctt 660
ccgttgtctt ttgccccag ccagatctgt ttcaccgaga aggggtagtt tgcacaagg 720
agtaactttt tccaagtccc catctagctt tcttaactaa ccttttttct ctcctttggg 780
cggcagttga tctgctggac acttacttgc cttaacaagg tttgttaaac acctagtata 840
tgccaggagg tatgccaggg attggggatg cagaaataaa gaagatgtgt tcgcagtgcc 900
caagttcact caaacctcga gggggagcgt gttgtcaagt gaacagatag ttctagaatc 960
tagacaatgc gacacattct tgggtagggt tatggttgcg cagaggagac taatggaatg 1020
gatgacctaa aagtggactg ggatgggggt ggcagggtc agtctgtgag ggtgggcggg 1080
agggaaacct gtcccagagt cttctgcagc ctggaccaga ctacttaagc actgctgggt 1140
ttagactgtc ctttaaaata agagccgcta gaagtgaact tctcattctg tccgtcccta 1200
attctgtcct tctctaaaag gaaccttaat ctcatcttta aaataaggag aattactgag 1260
tgacctgaag gaccttttct agctggaaag tctgtaagtc catatattta tttgaacagc 1320
ttagtatggc cagacggcat cacttttatg acagtgaagg ggaagtaaaa acaaaaggta 1380
tatttagagg cctgctctct agttgttttt ccagcagatt ttactaacgt gtctttggaa 1440
gggaaaagaa aaagctggta actaatctca ctggtattag gtacaactta actgattcat 1500
acattttaag aaggaatg ttgtaaagg gcatttactt atgttctgtt ttgaggattt 1560
ttgtggttaa ttgcctagt agtttttgtg gttgacggac accaccagc aaagcccatt 1620
gaccatcctt aaaaactagg ttttgtctc atagcttttg aattgttgaa tatgaaaacc 1680
taacttcaag gtgtaggcag ttttcaattt aaaatgttat ttctatatag atttaaaaca 1740
aaagcacact tttcttgata actaacaata catttaacat tctgatgaaa taaaagtgat 1800
tttactttgt acctactcat atgaaacagt cctgcctttc ttttttttgt tttgttttt 1860
gtttttgttt ttgttgagat ggagtcttac tctgtcgcgc aggtctggagt gcagtggcga 1920
gatctcactg caagctccgc ctctgggtt cacgctattc tctgcctca gcctcccgag 1980
tagctgggac tgcaggcgcc cgctacaatg cccggctaatt ttttttgtat tagacgggtg 2040
ttcaccgtgt tagccaggat ggtctcgatc tctgacctc gtgatccgcc cgccttggcc 2100
tcccaaagtg ctggtactac aggcgtgagc cactgcgcgc ggcctaaaca gtctgcctt 2160
tcataactgc cacgtctcat agctccctga ggaattacag atttatctgt agcatttata 2220
ttccactgac attaaatggg atttttaggt tgaattgaat ttgtaactct tctgttttt 2280
aatccagaga gattatacac aatgtgtaca ataggaactt cagaaactag aatttgcctga 2340
gcatgggaaa aaattctcaa tcttatect tctttgcac tgcctaata aatacaaaaa 2400
ctgtggttta acatctacag aaaaaataa atctaaagga aacagcacct gctaattcct 2460
tgtttaatcc taactcactc tttgtaaacc aaagtaata taaggtgaga agagggcatt 2520
acaaaagggt tgatgcagat gtatagattt aaggaggtga taatgttctt gtatttggat 2580
tcttttataa gtagttgggg agtataaatc ttaaataaat gaagagattg ctcatgttaa 2640
aacagatgta catcccagaa atttgtggaa agttggctat aattcacttc tgccaaattt 2700
caatgtacaa agggaggctc ttctgtgaa agattgcctt ctggaatttg tggatctct 2760
accttttaac attttttttc aagttgttaa ccaatatggt gtcagtctgc tgatcaagg 2820
gcagatatca ctgcacttaa cactttttgt tagacatcgt ttagcaacct ttagacctga 2880
tcttttaact tttcatcttt aaggaactga ccaactctg atgaatttga ccatttctta 2940
ggagactgga atgttaagtt tctataaatg aatgaaccag ttctctcttg tttggagcaa 3000
tgctgaaatt ccaagaggca gctaagtgtg tgagtggatc aacagccatt tccacttatc 3060
caaagacctt gattgcaaga agatacgtgc ttcaacaaaa acttggcagt ggaagttttg 3120
gaactgtcta tctggtttca gacaagaaag ccaaacgagg agaggaattg taagtaaaag 3180
tgcttctat gaatcttgag taggctgctt tttgtttgca ggtcttagct gattaggaac 3240

E!
unf.

atggagcagg ccaggtatgg tggctcatgc ctgtaatccc agcactgtgg gtggccaagg 3300
 ttggcagatc acttgaggcg aggagttcaa gaccagcctg gccaacatgg caaaaccctg 3360
 tctctactaa aaatacaaaa attagccagg cagggtggta catgcctgtg atctcagcta 3420
 cttggagggtt gaggcacaag aattgcttaa acccaggagg tggaggttgc agtgagccga 3480
 gatcatgcca ctgccctcca gcctgggcaa cagagcaaga ctgacaaaaa aaaaaaaga 3540
 acatggagta atgtccactt tgctctttat accaaagcaa gtatttcata aatataggta 3600
 agctccctaa ttaatctttc atattaggtt taaaggcatt tcagcagggtg aataaagtat 3660
 ccaaagtacc taaagaaggg agctagaaat gggatagatt atgtgaaaat aagatgtttg 3720
 ggcagtcacc agtctcagtg acaatattac ttccacttaa cttgattgga acttcttgaa 3780
 tgagaaaata agaattgttc ataatgacta tttttagaaa tgttacaaaa tgcaaatata 3840
 caattattca cttttgagat gaatagggtt taccaaagaa agtaacagta ttaattttct 3900
 ttgggctttc catggcgagg attttcaaat tccgtagtca gaaagctgtc agattaaaca 3960
 cttaaaccaa atggacactc ctatttaaaa tttagcttag ttaatgaccc ccttgtcacc 4020
 tcgtctcttt tgattatgat cggaccctct acactttcat agtagagaaa aactcttaat 4080
 agcttcagac agtacctccc ttacagataa acctctagtt tttgtgtaa gtttttttaa 4140
 tttgctgcag tggaaagtaa gttggaactg aagttagggt aagaaacttg cctatcagaa 4200
 acacaggagg aacagaaagc agaaggaaga atgatccaag atacagccc ttaaccccat 4260
 aagaccacat tttcatccca taatatattg ttttcttcta aggtttttaag gctactctaa 4320
 gttcttccag cttttgcta ttggatattt aagagtggat ttaaaatcag tgtgataaac 4380
 acttttctac atcttcatag gtcataggaa ttgtaaaggt aaatgttagt gatgttacta 4440
 ctttgtttta aaactcaatc ttttaaatgg tctctgtcca gaatttttaa aagctgtaat 4500
 tatctagaat ttatagtttt tagtcaattt ctacatgagg gatgataaaa gagctggcat 4560
 ttttctgatg tccttagaac atgcattatg attcctgtctg aaaaggattt tttctcttta 4620
 atcctagagg tgctcttcta gccatttaga atagaatgat aaatttctga caattattag 4680
 ataaccttta tggaaacatt gagagtaaga cctaaaccag acccagtagt tctaaaaact 4740
 acactgtagg atcatatcca attttggttt cttcaactaa tgaggaatat gaaaaatttt 4800
 aagataattc acaggaggac taaaaagtta attaaaagga tgtaaaataa gatgtatgaa 4860
 gatcaaactt gaaaccttta gacttaagat aataagttag tggagagagt gtgtttgtag 4920
 tcagcgggga agagagagag aaagagaatg agagagaaga aagggggctg gggctggttg 4980
 gttggcaagt gatttgttag tgatctttct tgtacctgaa ccaatcttaa aaaaacacat 5040
 gactggagct gaagatggga gacatgtttg tggaaatgaat ccagtgggta ggataacgga 5100
 caaaaatcat ttggcaccag aaggtctagt ccacaatctc tgggaaagga atcattcatc 5160
 atcagaatct aaaacatatt gcatactggc cacatgtggc tttcagatgt cttttgtttg 5220
 gcctgggtag tgtttctttt tagtaaatat atcagttttt tttttttttg aggcggagtc 5280
 tcaactgtgc tcccaggctg aagtgcagtg gcacgatctt ggctcactgc aacctccacc 5340
 tcccagggtc aagtgattct cccacctcag cctcccaagt agctgggatt acaggcatgc 5400
 accaccacac ctggctaatt tttgtatttt tagtagagac agggtttcac catgttggcc 5460
 aggctgggtc tgaactcctg acctcagggtg atcctcttgc cttggcctcc caaagtgtctg 5520
 agattacagg cgtgagccat cgcgcctggc cagtagtcag tattttttaa tgagcagctc 5580
 atataaattg agcatttcat cttttctaga aaaaaaagat ttgggaacgt ttgctaacat 5640
 cagttcctgt gtageccaaa tggactgcta aagctaggca gcagctactc ccttagacaa 5700
 attccgtatt ctccagttag ccacattcct acctctcctt actgtctctg gcatacagct 5760
 gcatcacacc tttccactac gtgccgacct ttgtagacaa ttgcttttgg aattatttgc 5820
 taaaatcaga aaaaagtatg aatgtgacta ctcacaaaat tctagaatgc tgtaatagaa 5880
 acagagcagt atggtgtcat tgttaaaatc ccagctttgg atgtgaacaa aaagtaaagc 5940
 caggcctggt cttaatgtga agtctacatt ctgtacattc ctaatctgag ctttgggttt 6000
 cttatcttta aaatgagtat aatacctcat aggattgtaa taagaatacg atatctgcct 6060
 atttatataa gatttagatg tcacattgcc ttgctcataa ttattcctca aaaacagcac 6120
 agattcacct taattataaa caatccaagt taaaagaata attaaaggaa gcctaagaaa 6180
 actttagcta attaccaccc aatgactgca attggaaact tctaataaac ggaagggttt 6240
 tctggattac ttttaaatga gaaaaatttc ccaaataaac caatctgaaa ccaggcatgt 6300
 aatttaaaaa acttattcaa gatgtgtcct gagattgtaa caattctgtt gtcattcttt 6360
 atatctctgt ggctgtccaa aataaattgg ttctcagaat gtgaaccttt tagctaagat 6420
 atcaattcat cagtgattgt tatgtttaat gcatgtatga ggcaggaaac taaactcttt 6480
 tttttttgtg ttgatactga accattagtt tgtgagcaaa gcacattatt agcactactc 6540
 attgtccaag caatttgact agataagggt ttaaattatg ctttacatac tagaccacaa 6600
 acataaggaa ttggttaatg ttagagggtg ctagaagatg aatactttat acagacttct 6660

ataatggtat gaatgctatt ccttcaacac atcagaatag atatgacttc cctttttggt 6720
 ttgcagatac acccttaact ttttgagctc ataaggaagg tatcagacta tcccttggt 6780
 tcagtgttaa aggaatgaca ataagtttgt aggacttatg actagtttct atgaaatata 6840
 gattcattat atacatttct atattttaatc aaagaacttg acaaaatgga acagctgtat 6900
 gtacatagta ctttaactttt ccgtcaaagt attgcaattt atcattatgc cacttggggg 6960
 catcacttta ccattgacat tttgcataca gggtgacctt taattacaat gtaaatacca 7020
 tattccttta cttttttatt cactttctga attagctgtg agattaaaaat aaaacctata 7080
 gtacagacat tacacttgct tgatgcatgt ttggagagtt ttcttctctg cataaatatt 7140
 gggcatccct tttttcatta tcacagtaga ataaaattaa actgttaaaa tgtatggtga 7200
 atgagataga ggttttttct ttattatgca tcatgaaatt cataaaacaa tatttgagaa 7260
 tattttcttt cataattata gacactctag tctaattatg ttgtcatagt cctaaaaaga 7320
 ttgtgctagt tcttattcat tttattttat agtattgtta aattgtcaaa gtatcttttc 7380
 aaaaaatcaa acccaaaaga tttgatcagc ccagaaatta ctttgccct taacattagc 7440
 atagtgcag taatttaata gaaaagagat attaaggaaa taggtttacc ctaaaataca 7500
 tgattaaact tgtaattaat catggccaca gctacagtga atttcaacat tcactttatc 7560
 agcatagaat gttgggtata atgatttttt aaaaatttat cacatttaag atatagtgt 7620
 cttactatgc agagttgatt ttatgctgtt gtctgtttta gtctgtcaac tatgaagtat 7680
 ttaatacaat ttaaattttt tttttttgag tcggagtctc gatttgtcac ccaggctgga 7740
 gtgcagtggc gcatcttggt ctactgcaa gctccgcctc ccggcttcac gccattctcc 7800
 tgctcagcc tcccagtag ctgggactac aggcgcctgc caccacacc ggctaatttt 7860
 ttgtattttt agtagagatg gggtttcacc gtggtctcga tctcctgacc ttgtgatcca 7920
 cttgcctggg cctcccaaag tgctgggatt acaggcgtga gccaccgcgc ccggccacaa 7980
 tttaaatatt agacctttgc tttggactca gcacgagaga ggaaactgaa gcagtaggag 8040
 ataaggccta gccttcaggt gcttccagtc cggaagacta tatcaacaca cataaaacaa 8100
 ctagtatata gtacaagaca atgcttaagt atctgtgtgg caggttgcac tcggagatgt 8160
 tggagtggct actccctttc caactcaata ttatcttact tgtttctgtg tactatctaa 8220
 cttatgtgta tttccccctt ggtcctatcc aagtgcgtat ccaaatattt tacccttaa 8280
 ctgtgatcgt acaccttggt ctttgtctaa atatgggaaa aatggtaaca aggaaatgct 8340
 ttatctctac agaaggcatt tttccccct ctatctcata tgtctgctg agataaggat 8400
 caggagttaa atagtaaaag gcctacaagt ccttaaagaa atggcctca agtccaggct 8460
 cttgcctcct cagagagctc ttgggtctac attagagtag atttttaaaa gtcctagcaa 8520
 gctgattttc taccagtta tggaacaaa atggaagata gggggccaag agttgatgct 8580
 agaatgagtc atactgacaa cagaggggag tggctctaga ccataagagt aaggagggt 8640
 gaaagtaaga aaaagataat taaaaaacc caaaagccaa aaaagtctgg gtccattgtt 8700
 gtaaagctct ccatactcca gtttctact atagaaatct cagacgtcca gccctgttcc 8760
 aaagtactgt attgagacag actcactaac tggcatggag tcaaaagggc tcaggggttc 8820
 agccaccacc ctgggggtcca ggctcagct tttcatattc atacaccag agatggtcag 8880
 tcttgagag gagcttatat taactaaatc aagacaagat agatctataa accatgattc 8940
 cacttcttaa tctggttctc aggatgaaca gtacctctc ctttgtgcac cctcccacca 9000
 tttctggta gaagtcttg agaagctga tatctaata gaagtgaata tataaccaaa 9060
 ataagcaggt ggaataattg ggcaattact cgcttaaacc aggtaaaagg tctcttctaa 9120
 gaacttgaca aaatggaaca gctgtatgta cattctaagt ggctattgtt gtgggagccc 9180
 taagaccag tgtttatcta ctaaatagct ctggatgcac cccatacaa atattcatag 9240
 ggtacctct tcccaatat tgaaagtaat gtgtatacac tttataaaaa gttcagatgt 9300
 gcataaagaa gcagtaaaat aatctataat cctgccatcc aacctgtggt cttttctgta 9360
 tgactgaca aatattcagt cttttaacga aacatggcat tggctcctagt cattgcctct 9420
 gagaggagat aggaagagaa ggagacttca cttttcactg aacctttct gtgcatttgg 9480
 aattttgtat catgtgcaag actgaaacaa aacaaaacct ataaaaataa gtgaaaaaac 9540
 ccacatattc attcaacaaa tactggtcac cgtttactgg tcatctggag cttgagctctg 9600
 gtacagtgt tcttaacctt ggccaaacag tggaatcaca atatttagaa agtacagatg 9660
 cttgagtcact actccagtga attctgtttg gtctggggtg tggccaagga tttttgagaa 9720
 cttccaggtg attcatatgt gtcactagac ttgaaatata tcaactggag ataaaaactc 9780
 tacttacata atcataaata attttagctg caataacttg tgaaagaaaa atcttggttc 9840
 ttgtgaggta caataaactc atctttgctt gcaggatgga aggttgggtg aggcaaggct 9900
 tccctgagaa ctgtgagctg aaatctgaag aattattaag aagtagccag tggttttcac 9960
 aatttggtga gcactcagat tgtctggaga gcttattaaa acagattgct tggctcccc 10020
 ctaccccaga ggtttctgat ttagcaggtc tggtaggagg ggctgacaa tttgcatttc 10080

E1
 conf.

taacagctgt tactacatct tagaggactg cattttgagg atccttgtac taggcaaagg 10140
 gatgggagaa gagggtgcatt cagtggtgaat ggcaactaaaa tgggaatagag ttcagtgat 10200
 atacaatctc acatgctttt ttaaagcagg aaaatataag cattttccca tgtagtaaa 10260
 tactctttaa aagcatcatt tttaacacct gcataatagt ctatggcttt cttgtcattt 10320
 aacggccact tgttgatata ctgattctta gtgcttctt tgaagtagaa gactattgtg 10380
 ccttttagcg tcctcagcga tttgatgtga tgactgggtc agcattttct tcctgtcagt 10440
 agcataactg aaaaactaag gaatgcaagc ttcggtcact gagaaatgac aggcattctg 10500
 tgtcattcaa tgggaagcatt ttttggggtc agttgtgagt tacagctaca tttgactgt 10560
 agtaattaga taaaaagaac ttcattccatt tttttttttt tttgagacgg agtcttgctc 10620
 tgttgccagg ctggagtga gtggtgtgat ctcagctcac tgcagcctcc atctcccagt 10680
 ttcaagcaat tctcctacct cagcctcctg catagctggg attacaggca cccaccacca 10740
 cgcccagcta atttttgtat attttagtaga gacaagggtt caccatcttg gccaggctag 10800
 tctcaaactc ttaacctcgt ggtccacctg ccttgggtct ccaaagtgtt gggattacag 10860
 gcgtgagcca ccatgcccag catgaataat aattcttact aaaatgtgtg ggtttttgt 10920
 atattaaaaa tacactttca ataattcaga ttgtgactgt aatttctgcc atttaatagc 10980
 tgatgcctt tagcaaagct aatatttata tatgtacct actaatcct atttatggat 11040
 atttctgtct gatttattta atcattttta catatcttta ctttcaattt tgagtcattt 11100
 taaacaaaac atcaatagat ttaatgagtc caactttgaa ctcaatctat gtattcttat 11160
 taaagctact atttctatat tatgtctagg agttctctcc agtggttatc tgtgatggga 11220
 tagtgggttt attgagtggg acgagttaat ttaataggat tcagtgggtt acgcccgtga 11280
 gagttatgaa aacaatttgg aagaaactaa tgatttcttt ctattttgcc ttgccagacc 11340
 tcaaaacaca gtttctttca gtttctcaca gttaaaaaaa aaaatcttcc tgcttatctt 11400
 ttaagagaaa gtataacatg aaagcatatt aaaatattaa aaattttaat actaaaatta 11460
 atattaaaaa cagttcagat tctcggaaatc ttgtgcttag gttcctctag gtaaatatag 11520
 aaagagtaca tttgaacttg gacttcactt tgggctttgt cagttctctg cacacaataa 11580
 ggtcaagcct ctgagcttct ggccatctta tatttaaagt ttgggagatg gaatggataa 11640
 ggagagaaga aaatgcaagg gcacatagtt accttgatta gtttcaatca tggtaatgaa 11700
 gtcaatattc tgagataaat gactttccta agccgccttt gctgcatgtg ttgcatataa 11760
 agaatccgtg tgctttctat ctgggtttta atattttacag atcagaaatg actaataaaa 11820
 tattagaatg agtaggctgc agggaaaccc tcagtttctt tttggcttag gcagggggcc 11880
 aaaaaagcct ccttttaaga ctgaattgcc aagaacatt taggaagaag acaacagtta 11940
 ggaagaaggc aacaatactc aaaaattttt cttaaaaata attctttttt cttacattac 12000
 tgttgtttga aagaaaacaa aagtgatgta tttaaaatat tacagccgta ttagtgtcag 12060
 cagtaaaagt atattcaaat tacaatagta tactgttag attttcagac ttatttaaat 12120
 ttatcattcc actctgttct ttcaatgtgt tgttctgggtg gatgtgtgag tagggaagct 12180
 aatggtttgg ctaacactga atgacatccc atgaaatatg gaatagcatt cttcatttaa 12240
 atgtatgaga taggggaata tctaagctat tctagtaaat aatagtaata ataaatgtaa 12300
 ttggatatgc tgatcccttt acattgtcat tgttgacttc ctaaaatttt taaagtcaa 12360
 gatttttgtg ttaagcctat taagttattg tatctcattt attcaataaa taaagtattt 12420
 taggatgagt ccacaaaatg caagagcaaa atttgatggg tgtagtctac cttgtaggtt 12480
 ttttttctt cccctaaaag ggcttttttc atcgagatgt tttataataa aaagttagct 12540
 gatttttaat agagtccaga ggaacctcaa taaccaaate cagaattctt aatggttgat 12600
 gaatattaga atattcagtc agctaacttt aatttctga ccccaaaaca agcacaacac 12660
 cctcaagtat aatctgtaac tagcccttct tgctgtgtt tctacacaag cagccttttg 12720
 gggagaatat ttcctccaac aacttttggg gcacccggca gccagctct cttcctggca 12780
 gacagcaggc agttcccttt taccattgct tactttaact ggatcagttg agggaggcat 12840
 ctgttttact cagtcctttc cttctaaacc gatctgggtc ctttttgacg catgaatgtc 12900
 tctcaagagt aatataggca attttggcca gcaccaact ttataacctat ttggaactga 12960
 aaatttttagt tgtgatata tccaccctta agtaacttga aatgagatat gtatatgact 13020
 taaatttaaa agaaatgaga agggggaaaa ttctcaagtt aaaattagtt tctggatcaa 13080
 ttattactc ttcaactgat tttctgggg aaaaaagctt agttgccata acatccatgt 13140
 ttaaatagtg cactttgagt gatgtgcatg acttacaagt caacatgaga gacaagcaac 13200
 cctcatgtta gtaaatgtt cttggtcagt tattcctaag cttggttttt ggaaagagta 13260
 atttgtaaat ttaattaga gtaatttgta catctatgtg ggaaataaac attgttgga 13320
 ccagagttct aaaagtagtt tactccacta attgtgcatt gtataaataa tgttatgtag 13380
 tatcaaaaat aagcagttaa tattgtgtga cctttattgc tttaaaatac tgtgaaattg 13440
 aatttccatt ccgtagttta acgagaacac ttttatttct cagatactct tataagccct 13500

E'
cont.

agtccctgct	actcacgaat	gaataattat	gaacctttga	catgctatag	aacatactta	13560
ttagtacagt	agtgtgtgtat	ttatttgggt	agttatatga	aaaaaaaaac	accccaaagt	13620
ttagtattat	aagaaagcaa	acactaagcc	tgtatgaatg	tgtgggggtg	atggatatgc	13680
tcattatcat	gattgttagag	atgggtgtcat	gtttcatggg	tatatacata	tatcaaaatt	13740
tggcaaatta	tacacttaaa	atatgtgcag	tgtattatgt	caattgtacc	ttaacaattg	13800
tgtttagaaa	aagcaaaaaac	cctgtaccat	gatatatgaa	aacctttaag	attgtttaa	13860
tggctgaatt	tgcagttact	aatgataatc	attatgaaac	ttgatacttt	cagctgagtg	13920
ctgcttttta	atcttgggtt	cataccagcc	aattttattg	tttttagctc	agagaaaaat	13980
cataggcttt	gtttttggta	cctttattgg	gcaagtgaag	aaggaagatc	aaaatgtagt	14040
tgataatatt	gtcctacata	ctaggtttcc	aactttctaa	gagtggaaaa	tttgaacat	14100
tgaatttctg	attagaatgt	gtttgggtgt	caattttctc	agtctctccc	acatgcagca	14160
gtcacttagc	attttaatta	aagtttgggt	gatgtttcca	cttccctatt	agtttgaatt	14220
ttgagaaacc	ctttaaaacc	taatcactta	gctatggctg	ctttccctca	ggggagattc	14280
aaggaagatt	tgtggcccca	cagcccttca	tttccctctc	tctttctttg	cttatgtctt	14340
tcattctcata	agcctcatac	aaatgcatac	actgtgagtt	tggggataat	atcggccaat	14400
ccactttttg	caatatggga	tttgctattt	ggtgatcagc	tgcttttaat	ttatattgct	14460
atttcaaaga	cattttgggtg	caaagattat	tgagctctaa	tgagttagttt	ctattatttt	14520
tagaattgct	ttagtaattca	aaattacagg	aaggattaat	gacagatgtg	agttgcaagg	14580
cagtttaaca	ttacttaaaa	aatgaaacat	ttgggtgttc	catatgaatt	ggacctgaca	14640
catatctgaa	attgcatttt	aagtaagctt	ttaaagcagtt	gactattgaa	cttgcagggg	14700
gtaagtacat	attcaaaagg	ttttgaaaac	tgacaacagt	agataatttc	ccacagataa	14760
agcttatttt	ggcattattt	tgctagctca	cataaccata	aaaactctgt	gtgtgtgtgt	14820
gtatgtgtat	acatacgtaa	atatatactc	acgtatatat	atgtgtgtgt	gtatgtgtgt	14880
gtttaagggtg	tgtatatgtg	tatgcatttt	ttaattggac	agtttttttag	ttcaacacta	14940
gtttcagcag	caaaagttgt	gttcagctgg	taataatatc	ccgttctgat	ggatgaagag	15000
gcaagggctc	aatattttcat	aactatactt	ggacatgaac	tcagtattga	gtacttggaa	15060
gtactcagtg	gagacttcta	ttttataaaa	attcaaaagg	cgattccagg	gcaagatggc	15120
cgaataagaa	cagctctgggt	ctgcagctcc	cagcgagatc	aatgcagaag	gtgggtgatt	15180
tctgcatttc	caactgaggt	acctgggtca	tctcattggg	actgggttaga	tgtgggtaca	15240
gcccacggag	ggcgagcaga	aggagggtgg	ggcgctcacct	caccccgga	gtgcaagggg	15300
ttggggagct	ccctccccta	gcgaagggaa	gctgtgaggg	actgtgccat	gaggaacagt	15360
gcattccagc	tcagccacta	tacctttccc	acagcttcca	cagaccagga	gattccgtca	15420
ggggcctaca	ccacaagcgc	cctgggtttc	aagcacaaaa	ctgggcaacc	gtttgggcag	15480
acaccagct	agctgcaggt	ttttgttttt	tgtttttttt	ttccctgtat	cccagtggtg	15540
cctggaatgc	cagcgagaca	gaactgttca	ctccctgga	aagggggctg	aagccagggg	15600
gccaagaggt	cttgctcagc	ggatcccatt	cccattgga	ccagcaagct	aagatccact	15660
ggcttgaaat	tctcacagcc	agcatggcag	tctgaggtcg	acctgggatg	ctgttgcttg	15720
gtggggggag	gggtgttcac	cattactgag	gcttgagtag	gtgggtttcc	cttcacagta	15780
taaacaaagc	tgccaggaag	ttcaaactgg	gtggagccta	ctgcagtgcc	acaaagccgc	15840
tgtagccaga	ctgtctctct	agattccctc	tctctggcag	ggcatctctg	aaagaaaggc	15900
agcagcctca	gttagggggt	tatagataaa	actcccctct	ccctgggaca	gagcacctgg	15960
gggaaggggc	ggctgtgggt	acagcttcag	cagacttaaa	cgttccctgc	tgctgactct	16020
gaagagagca	gcagatcttc	cagcacagca	ctcgagctct	gctaagggac	agactgcctc	16080
cacaagtggg	tccttgacct	ccgtgcctcc	tgatggggag	acaccttcca	gcaggggtcg	16140
acaggtacct	cacacgggag	agctctggct	ggcatctggc	aggtgccact	ctgggatgag	16200
gcttccagag	gaaggaacag	gcagcaatct	ttgctgttct	gcagcctctg	ctgggtgatac	16260
ccaggcaaac	gggggtttgga	gtggaccccc	agaaaatacc	agcagacctg	cagaagaggg	16320
gcctgactgt	tagaaggaaa	actaacaac	agaaagcaat	agcatcaaca	tcaacaaaaa	16380
ggatgaccac	gcaaagactt	catccaaagg	tcaccaacag	caaagaacaa	aggtaggttaa	16440
atccacgaag	atgaggaaaa	accagcgcaa	aaaggctgaa	aattccaaaa	accagaatgc	16500
cacttctcca	aaggatcaca	actcctcgcc	agcaagagaa	caaaactgga	tggagaatga	16560
gtttgacaaa	ttgacagaag	tatgcttcag	aagggtggata	ataatgaact	cctccgagct	16620
aaaggagcat	gttctaacc	aatgcaaaga	agttaggaac	cttgataaaa	attagaggag	16680
ttgctaacta	gaataaccgg	tttagataag	aacacaaatg	atgtgatgga	gctgaaaaac	16740
agcacaagaa	cttcatgaag	gaagcataca	caagtatcaa	tagtcaaata	aatcaagtgg	16800
aagaaagtat	atcagtgatt	gaagatcaac	ttaatgaaat	caagtgtgaa	gacaagatta	16860
gagaaaaaag	aatgaaaaag	taatgaacaa	agacttcaag	aaatatggga	ctatgtgaac	16920

agaccaaatc tacatttgat tgggtgtacct gtaagggacg gggagaatgg aaccaagttg 16980
 gaaaacactc atcaggatat tatccgggag aacttcccca acctagcaag acaggccaac 17040
 attcaaattc aggaaatata gagaacactg caaagatact cctcaagaag accaacccca 17100
 agacacataa tcgtcagatt caccaagggt gaaatgaagg aaaaaatgtg aagggcagcc 17160
 agagagaaaag gttgggtttac ccacaaaggg aagcctatca gactaacaac agacctttct 17220
 gcagaaaccc tacatgccag aagagagtgg gggccaatat tcaacatttt taaaggaaaag 17280
 aattttcaac ccagaattcc atatccagcc aaactaagct tcaaaaatga aggagaaatg 17340
 aaacccttta cagacaagca aatactgagg attttgcctt acaagaggtc ctgaaggaag 17400
 cactaaatat ggaaaggaga aaccggtacc agccactgca aaaacaaacc aaaatgtaaa 17460
 gaccatcaac actatggaga aactgcatca acaaatggac aaaataacca gctagcatca 17520
 taatgatagg atcaaattca cacataacaa tattaacctc aaatgtaaat gggctaaatg 17580
 cccaattaa aaggcacaga ctggcaaatt ggatagagtc aagaccatt ggtgtgctgt 17640
 attcaggaga cccatctcac gtgcaaagac aaacataggg tcaaaacaaa ggatggagga 17700
 ctatttacca agcaaatgga aagcaaaaaa aaaaaaaaaa aaaaaaaggt ggtggggggg 17760
 gttggaatcc tagtctctag tctctgataa aacagacttt aaaccaacaa agattagaag 17820
 agacaaagag gggcattaca taatgtaaag ggatcaatgc aacgagaaga gccaaactatc 17880
 ctaggtatat atgcacccaa tacaggagca cccagattca taaagcaagt tcttagagac 17940
 ctaccaaggg acttagactc ccacacaata attgtgggag actttgatgc cccactgtca 18000
 atattagaga gatcaacgag acagaaaaat aacagggata ttcaggactt gaactcagct 18060
 ctggaccaag cagacctgat agacatctac agaactcttc accccaaatc aacagaatat 18120
 acatttttct cagcaccgca tagcacttat tctaaaatcg accacataat tggaaagtaa 18180
 acactcctca gcaaatgcaa aagatcagaa atcataacaa accctctctt agaccgcagt 18240
 gcaatcaa at tagaactcag gattaagaaa ctactcaaa actgccaat tacgtggaaa 18300
 ctgaacaacc tgctcctgaa tgactactgg gtaataaaga aaattaaggc agaaataagt 18360
 tctttgaaat gaaggagagc aaagacacag cataccagaa tctctgggac acagctaggg 18420
 cagtgtttag agggaaat atagcactaa atgcccacag gagaaaatgg gaaagatcta 18480
 aaatcaacaa ttgtctat ttgtcccttt agactttttg atgtgagcaa gaaagacctt 18540
 aaatcgacaa ttgtctat ttgtcccttt agactttttg atttgggcac ttaagtctat 18600
 gaattttct cttaccactg cttttgtggt atcccagagg ttttgatagg ttttgcact 18660
 atttactctc aaataatttt taaatttcca tcttgatttt attgttcacc caacactcat 18720
 tcaggagcag gttatttaatt tccaatgtat tctcatgggt ttgagagttc cttttggagt 18780
 ggattttcag ttttattcca ctttgatctg agagaatact tgatataatt tcaattttct 18840
 tcaatttatt gagacctgtt ttatggctta tcatatgggt tgtcttgagg aatgaatgtt 18900
 acacgtgctg atgcatagaa tgtatattct atagtgtctg gttagtatgt cctgtggctt 18960
 tattaacttt ttatcttgct gacctgtcta ttgctgtcag tggagtgttg aagtcccca 19020
 ctattattgg gttgctgtct atctcatttc ttaggctag tagtaattgt tttgtaaat 19080
 tgggagctcc agtggtgggt gcatgtatgt ttaggattgt gatattttcc ttttgacaa 19140
 gtttttttta tcattgtata atgtccctct ttgtcccttt taactgctgt tgttttaaag 19200
 tttgttttgt ctgatataag aatagctact cctccttgct tttgggtgcc atttgcattg 19260
 aatatctttt tccaccctt taccttaagt ttacatgagt tcttatgcat taggtgagtc 19320
 tcttgagaac agcagatggg tgggtgggtga attcttttcc attctgccat tctgtgtctt 19380
 ttaagtggag catttatgtt atttacattc aacatttaata ttgagataca tgctattcta 19440
 ttcttatgct gggtttgttg ctgaatacct ttttattttt tcattgtttt tgttttatcg 19500
 gtcctgtgag atttatgctt taaggaggtt ctattttggg gtattgcaaa aatgtgtttt 19560
 caagatatag aactccttt agcagttctt acagtgtctg cttggtagtg gtgaattctc 19620
 tcagtatttg tttgtctgaa aaagactgta tcttttttcc acttatgaag cttagtttca 19680
 ctgaatacaa aattcctggc tgataattat tttcttttag gaggctaaag atagggtccc 19740
 agtcccttct agtaggggt ctgctgagaa atctgctgtt aatatgatag gttttccttt 19800
 ataggttact tgatgctttt gctcacagc tcttttttcc ccttaaatca gaatatgtat 19860
 ctggtttcca ataaagtgat tctttttttt ttttcttaaa tatactttaa gttctagggg 19920
 acatgtgcac aacgtgcagg tttgttacat aagtatacat ttgccatgtt ggtttgctgc 19980
 acctatcaac tcctcattta cttaggttat ttctcacagc tcttaagata gtttcattca 20040
 tcttgacttg agacagcctg atgagtgtgt gcctagggca tgatcttttt gcaatgaatt 20100
 acctaggtgt tctttgagct tctcgtat ttccaaact tgtagatttc tcttctttct 20220
 agttttctt gattattctc tgggttggtt gtttagcata atctcaaacc tcttgagggc 20280
 tggaaatacc agttattctt tctttgtctt tttcagatta gattaattgg aaagtcttgt 20340

tttcaaggtc tgaagttttt tcttctactt gtcgattcta ttgctgagac ttttcagtgc 20400
 attttgcatt tctctaagtg tgtccatttc cagaagtatc acttttattat gtattctatt 20460
 tcaccaaagt tttttctttt catatcttgt atcatttttt gatttcatta agtttagactt 20520
 cacctttctc tgatgccttc tcgatttagct aataattgac ctctgaatt ctttttctgg 20580
 caattcagag atttcttctt ggttcggatc tgttgctggg gagttagtgt gatcttttgg 20640
 ggggtgtcac tttgtttttt cgtattacca ggattgtttt tctgggtgcct tctcctttga 20700
 gtagactaca tcagagaaat gatctggggc tcaaggactg ctgttttagat tcttttgtct 20760
 catgaggggtg ctcccttgat gtgggtgctct cccctttccc ctagggatgt ggtttcctga 20820
 gagctgacct gcagtgggtg ttatttctct tctggatcta accaccagc agagctactg 20880
 ggctctggac tgctagtggg gagtgtctgc acagatcct gtgatgtgaa ccatcttcag 20940
 tctctcagcc ctggatccca gcacctgctc cagtggaggt ggcaggggag tgaagtggac 21000
 tctgcgaggg tcttgggttg tagttttgtt tattgtacta gttttgtgtt ggttggcctc 21060
 cagccagaag gtggcgcttt caagagagca tcagctgtgg tagtatagga aggatcaggt 21120
 ggtaggtggg accatagagc tcccaggaga atatgtcctt tgtcttcagc taccagagca 21180
 ggtagagaaa gaccattagg ttggggcaag gttaggtgtg tctgagctca gactcttctt 21240
 ggggtggggt tgcgtgggct gctgtggggt atgtgggtgt ggttctcagg ccagtgggat 21300
 tatgtttcca ggggtattat ggctgectct gctgcatcat gcaggtcacc agggaagtgg 21360
 gagaaaactg gcagttacag gcctcatgca gctccacgt atcccaaaag gccagtgtta 21420
 ctctaccctt gccctctcaa tagcactgag ttatttcca ggcagcgggt gaacagact 21480
 gggaactttc cccaggccac cagcctcccc gctgagaaaag catgcaggac tttcaggttc 21540
 tgtgtttccc cactgcccgc agcttctgtg ctgtgtctgc actccctatt cgtccctcc 21600
 cccaggttct gtccaggaaa ctgcgtttgg tcaaaatggg tacaaagtcc agctggaagt 21660
 ttcttctctc ctgtgggtct ttcccagttc ctctggcagc cctctccaag gacccctgtg 21720
 agacaaagt cagaaacggct tcgctgggga ccaagagtgc ccacagggt cttcctgctg 21780
 ctgcttctac acctgtattt cacttggtct tctaaatttg tctcagctcc aggtaagggtc 21840
 agatccttct gtgatctgga ccttcagggt cccagtgag ggtgtgtgtt tgggggcaga 21900
 tgatcctctt ttcacacttt gggcactcag agtgttttgg ctgtctccag gtgcctgcag 21960
 cagcaatccg ctctctcaa aggatctgtg gatcctctcg ctttctgtgt atgttctgt 22020
 ggtagtctt ggagcaaaag ttctctgtat gagtctcac acgctgctct gtctgtctga 22080
 gtgggagctg caagttagtc ctgcctccta tccaccattt ctttttctag tgtcctggct 22140
 agtaatttct gagtggaaat atgcatcatt tacatgtcac ttcagccta ggagtagagc 22200
 cctcctgacc ttggagcttc tcttctgagc tcttgcatg agacgctggc acctgtgtac 22260
 agaagcactg taaggaggat agctgcctgc tgacttgctc cgcctacgga agacttgggtg 22320
 tccattttga ctctcgcaac ctaaggcttg aactagtata gccttttcta attaatagta 22380
 catacaataa caatgattgc tttttgggtg tagttagcta aaagtttcgt tagtttagta 22440
 ttttggttct aaaacacatt ttaaattttc tctggttata cattccatgt agattaaagg 22500
 cataaatcca tgtagaataa caaatggacc tcatggtatg gactcagcat gattatgttc 22560
 tatgtagaat cttagagcga attttagagac ccaatttcag atacataatt tctgtgcagt 22620
 ttttgtacca attagcaaaag agatgattga cggttgctag tctgtgaaa cagcagtagt 22680
 tacgcagtat atgtcctagt ggtatggagt ttaagaatga aaattttatc ctaagactta 22740
 gccacttgt atcgtcactc tatacgtcat ttattttggg actcttcttg ctttttagatg 22800
 acaatttaca aaattatttg tcatttcttt aattgggtatt tgtacttatg tcccacaaac 22860
 ggcttaattt gtgtgtccat cagtggcatg ttaagccac tttagcccat atatgttact 22920
 cagtgtgtgc aaacgtgtat tttctactaa acggtatcta tttcaagagt ttgtcagata 22980
 aactatgcag aaccaagatg tcagttttgt gtttttattt cctatatgtc ctcatattata 23040
 acaataatat atgatcctcc aaatttgcca gatattgttc aaactgcatt ttctaaaagt 23100
 agagatcttc tgaggatttt tttgtttttt aaactatata tctatgaata cttttaacta 23160
 catgttataa ataacaaaaa caatttaaaa aaagtgttg cttgtgacaa cactaacgtc 23220
 aaggaaattt tgttttagatt gggaaaaataa aacaggtgtt tcagtccaaa aaaaaaaa 23280
 aatcaaaagg cattaatatg gccctatttg aaaagccac actgagaggc actaactacc 23340
 catgcctttg cagtgtgagg ttaatggggg ggtgtccct cagcagctgc ctcaagctcc 23400
 tgctttgcca ttaaccagac tcaactccagg attccttgga aactgtgtgc ctacctgaat 23460
 aatttattac ctagtgatca attattcata attctttatt acaacgaaat aaaacctaaa 23520
 ggtggaatca ttttgccact tatgaatatc caacagatca tcaggagatt gcagtagagt 23580
 ttttagccct tgccgtcccc actgcctgtt tgtttctctg aagggattcc acagagaaca 23640
 gccttctgag acaggatcag aatcaaagaa agcagtaaca aatgactccc tgetggctgt 23700
 gctgcacggt tcatctattc atgctgtttg tctttttaat tctggcctca tttataccta 23760

E1
 Gnt

gaaataaaat ttcaatttga aagaatgtag gagactttta tgacaccgtt ggttttattaa 23820
 atcattctta ggaggttagac aaggacataa aacttacacc tagagtatct tctggaataa 23880
 aatgcaggaa ccttttagtac atttttattga cactaatcat attgcatttg cttgtttcat 23940
 cagttatatac tgagttatat tttattttatt tattagacca tataaaaaatg ccatatatatt 24000
 tccacatata tagaaagcat ttttagtaaaa gttctctgaa agtatagtaa ggccaggcat 24060
 ggtgggtcat gcctgtaatc ccaacacttt gggaggtgga ggcaggagga tgccttgaac 24120
 ccaggaattc cagaccagac tgggcaacat tgggagactc tgtctttaca aatagtaata 24180
 aatagtgggc atgggtgggc atgcctgcag tctgtcccag ctactcggaa ggctgaggtg 24240
 ggaggattgc cttagcacct gaggtgggtca aggtctcagt gaactagaat tgcaccacag 24300
 catcccatcc taggcgacag agtgagacct tgcctccaaa aaaaattagt ataaccat 24360
 gaagcctact tctttaaaat ttgggaaatg tagtggaaaa ttgttttagct taagccagac 24420
 tacttaattt taaaaataat caacaagtgt taaaaaatat tttgaaaata cttggagagt 24480
 ttttaattcca gttacattag attataaagc agaaggtttg cctttgaggt tcttgcctc 24540
 ccaaccagtt ggctttccgt tggacactct ggcactgagg agtgacata actctgtgac 24600
 actccacatt ttgggttgct atttcagtg tgtggcattt tctctgtagt tacttccaaa 24660
 ataagttagt actaattttg agcatgagtc ctgggacctt ggggttaata tttgccaggt 24720
 ctaaaatacc ccggcctgta gataaaaaatc ccaaactgtc aaacaagtac ttttttagtg 24780
 agattccaga tcattttttg tattgatgtt ggtttacca atggaatgaa ggctaaatgt 24840
 ttaagcaact tttaaatggc ctaaacccat acctttcaca caagacccta catatctcag 24900
 ataaccatcc aatcagagtt taaatatgga tttagttgta ctgttgtgaa aatatgtggg 24960
 taatttttaa aacctttaaa aatatatatt aagaaaaatt ttttttgata cagggtttca 25020
 atgttgtcca gtctgggtct aaactcctgg tctcagactc ctgggtttcaa ctgacccctc 25080
 ctctcagcc tccagagtag ttatgccctg cttcttaaac tcttaagaca aatttgaata 25140
 tgtcatggag tagagtaaaa catttgcag atttttgact ttataatata atttttgata 25200
 ggttacacat tcacatggct caaaaaacat caaaaagatc agtttctcag ttctctcat 25260
 ccttctctcc ccttttttga gttctcatcc tcttcccaa aaggtaacca ctgtaagag 25320
 tttcttctgg atccttttag aattgcttta tgcacacatt agcaacttaa gaatacagag 25380
 tcttattttt cccctttctg ataaaagcta gcataattata cacttctggt tttttttgtt 25440
 tttttttttt ttgtctttt tcatatgaca caatatcttg gagatatttc catgttagtg 25500
 tgtagaacat tccccattc tttttttttt aaacagctca atagcatgtt ccatgggtgtg 25560
 gttgtagat aattgtttta accattttcc tgttcatgag catttgagtt atattaaatc 25620
 tttcttatt aaaaatatca ctgcagtgga taacctgaa catttgcatt ttcacaaaca 25680
 tgccactatt tcttgcagta atttttaaga taaaacataa catttcagaa atgtgctgtt 25740
 tttagcagtc tcattccagg ggtttgaatt tatccttctt tactatcagg ggtgttttgc 25800
 tggcaacatt tgagaagttc tgccataaac ttgttattaa ggcctagtgg taggatgatt 25860
 tttactttc agaaataact gctgtgaagt gatagtgaac acagtgttac cttgccaccg 25920
 tatgtctctc gaaggtagta taagaaaact gtaaacctgg tggcaaatat tttatgagca 25980
 gaaattatgt tgtaaaattg tctagttttc ttgttggcat ttgatagaat gaaacacttg 26040
 cagctatgag tttttggaat aggccagta cctctgacc taaagcccta cagcaccaaa 26100
 ctctgatgtc ttgaaaaata ttaataggtg gtttacctaa aaagatttcc atgattatac 26160
 aagcttgga aacactgggt tccacaacat tgaaccagtt tctttactga agaactcttc 26220
 agatccttaa atttgctggg gtaaatgtta actttttaa cctggatgta gcaagcagca 26280
 tttccaaaac aagtttgact actgaactcc tcttcccg ccccgaggac actcttatta 26340
 gcattaatgt accaaggagc cctaattggg aaatactacc catgttggat accatgggac 26400
 ccatattcaa attagtggtc acaagcatat gtgatattta catttcaaaa agattcactg 26460
 agggaaataa gaataaaagt cattatttaa aaattgacca ttatgaacag tagatgggtg 26520
 taatgtaaca tgcagaccaa ctattaagac atgtcaacat ttccaatggc agcatatt 26580
 caaggtcgaa aatgtcttaa ttttaattaca gtctaccagt acttttaatt tcaccggcta 26640
 aattaataaa aggctaaaca taggtattta acaaaacttt aatttctccc taggaaaagc 26700
 agaaattggc tgagaaataa atctgaagaa atctttttat cttcacagac cattgtaact 26760
 ggcatgagcc agatctgggt tttcttgcca tccatgtatt agattgatgt ttcttagctt 26820
 gtgtgtacac aaaggtatat gtgtattctt tcttttttaa aagaaaaagg catcaattta 26880
 accaaaacta actctccagt gtccatgaga atggcaagaa gcagtttcag tctgaagcat 26940
 ctgaagcagc caccgccttt gtactccagg aactgacatt tgggctgaaa ataggatgtg 27000
 aatgccataa gctctattag aagggccaat gggatgagag atcagggtct cttagaagtt 27060
 gagagggatc tgagccactt ccattctttt gaagtctatt taactataag actgtgtaac 27120
 acaggacaac aaaaatggga tatgctttta atatttacat ttgacaaaaa attaacatac 27180

caaaattcaa tacaatgtga ctacacaact gacaagatta ttataaattt taattcctag 27240
 tgtattagac ttgggggtggc ccagaaatgg gacacacatt taaagttgtg gtgaacatct 27300
 ttccaagctg ccagtgtgtc ttagggacag aggggtgtaac ccggtttaga gctcttatta 27360
 agagtcaaca tttggccagg caggggtggct catgcctgta atcccagcac tttgggaggc 27420
 caaggctggt ggatcggttg aatccagggg tttgagacca gcctgggcaa catggcaaaa 27480
 ccccatctct acaaaatata caaaaattag ccgggtgtgg tcccagctac tctgggggct 27540
 gagttgggag gattaagctt aggaggcaga ggttgcagtg agctgagctc atgccattct 27600
 ggcttgggtg acagaaccag accttgtctc aaagaaaaaa aaaaagtcaa catttgaagc 27660
 ccctcataaa tctgcaggcc tgagaaaaag agacatgggt cctgatgcag atgataaatc 27720
 tagaggaact gcaggagtg gaggttcttc cgtgaaggat atctcaactt acctgatgga 27780
 ggggaactat ggctcatatc tgcaatccca acattttggg aggttgaggt ggggtggatcg 27840
 cttgagccca ggaggtggag agcagcctgg ccattatggt gaaaccctgt ctttacgaaa 27900
 aaaataaaaa aattagccag gcatggtggc acatgcctgt agtcccagct gcttgggagg 27960
 ctgaggtggg aggatgtgtt gagcctggga tgcagaggtt gcagtgaagc tagattgctc 28020
 cattgcactc cagcctgggt gacagcctgc ctctaaataa ataaataaat aaataaataa 28080
 ataaataaat aaataaataa ataaatgtac ccggtagata tgggaattgct gaagatggct 28140
 aaggagggg ttttatcatt taggttgatg gttgtacctt agttgggtgaa accaaggctt 28200
 gaaattaccc ttctaaggta cagttgggca gttttttcac cctgcttttt ccttttttct 28260
 gatccaaggg cgagcttgct tcacctttct ttccagatgt agcagaagga ctagcctcag 28320
 gcaagcaagg ctgatgtctt aataaaactgt ctagaccatg gcatccctgg ggcaagagag 28380
 ccttgatgtc ttgctgtgtt cccagggcag gaaggggggtc actttgattt gaagacctat 28440
 ctatctcttc aggtcctgca gtaaaaaata gagacgcggt ttatatcagc caagtgtcta 28500
 atgcaataga atcatttagt ctgtaaaaat taggaagtag tgtttactat aagtaatgta 28560
 caatgtgaat gtcttcattc agtctttggt caatggatag attgctgaca atgtcaggca 28620
 ctgtttcaga cagtgaacaa aacaaagtct ctgttctcag ggaggggaca gtctagttag 28680
 gctttggaag gaaatagaca ataaatacaa atatataata tactaaaatg tgattaaagg 28740
 ctatagataa aaataagggg ccaggcatgg ttggtcactc ctgtattctt agcacttttg 28800
 gaggctgata tgggaggatt gtttgaggcc aggagtgtga gaccagcctg ggcaacatag 28860
 taggacccca tctctaccaaa aaacaaaatc aggatgtggt ggcataatgcc tgtagtctta 28920
 gctactgggg aggtctgaggt gaaaggatca cttgagccca gaagtttgag gctacagcaa 28980
 actatgattg caccactgag ctccaaccca agcagcagag tgagaccctg tctttaaaaa 29040
 taataatcgt catgaaataa aaataaggaa agaggataag gagtgttgag tgtatatctg 29100
 gtaaatgcta cttggtagtt catattacgt ttggtattaa acagcagtaa atatttagtc 29160
 tgacaaaaac acccaaaatg aaagatcatt ggaagagatt ttggagcaaa atttaccact 29220
 aaagctcttg tttttccagt agcaggatac agtattctta cttatgttta tgtttctgtg 29280
 tctgggcaat agtgcaaga gaccaagtat actgtgtgtt aatcagttcc ctttttctgg 29340
 agagtgggaa ccattttaca ggggagtaag gcatgaatga ggggtggggag aaggggtact 29400
 tgggttttct tccgaagggc ttcattttac tgccttgaga tcagtgaaga ctttcacttt 29460
 caggtctctg ggctggttct gtctgtctct gcctcattgt gtgtttctgc tctgctgaag 29520
 agatttcaca ctggaatgaa tgggcgctat ggaattggaa tagagagatc tagatggttg 29580
 ccccatctct ccccttgtag acatggtctc cttgcctatg ttaggagtta ggtgttttca 29640
 gagagactgt gttttccaga tttcagcttc atgcagtgc tgaagatatt ttattcctct 29700
 agcaaggggtc aggacactca ctgtgttttt cccttatcat ggtagatat gaaggacctc 29760
 aggggaaatc atccacttgg ggccgaaaag catccagaca ctctcatttt ggtttctcct 29820
 ggggagctca tggttctgat gttcagtgac tagtgtttat tcttaacagt gttaccccaa 29880
 gatcagagtg ccttctttca gaagatatgc tacatgttct agtgagagaa acacacaatg 29940
 tttgaaactc cctgtgagtc atatccctat tggtcagaaa tcattgccag cttgttctct 30000
 atggttctag tggagaacag agagaaactt gctctgtgca tcctgatgta cagttgtgtc 30060
 atcaagggcc tcccatttct gccttgagag aagataacaa aggggggtcaa agcagatgcc 30120
 ctctatgtct atagggatgc agccacagg gcaagccctc ctgtcctggg cttccagttt 30180
 tttttttctg ttgttgttgt ttttattatt atactttaag ttttagggta catgtgcaca 30240
 atgtgcaggt tagttacata tgtatacatg tgccatgctg gtgtgctgca ccattaact 30300
 cgtcatcttag cattaggtat atctcctaata gctatccctc cccctccccc ccacccaca 30360
 actgtcccca gagtgtgatg ttcccttctc tgtgtccatg tgttctcatt gttcgattcc 30420
 catctatgag tgagaacacg cgggtgtttg ttttttgtcc ttgagatagt ttgctgagaa 30480
 tgatgatttc caatttcatc catgtcccta caaaggacat gaactcatca ttttttatgg 30540
 ctgcatagta ttccatggtg tatatgtgcc acattttctt aatccagtct atcattgttg 30600

gacgttttagg ttgggttccaa gtcttttgcta ttgtgaataa tgccgcagta aacatacgtg 30660
 tgcattgtgtc tttatagcag catgatttgt agacctttgg gtatataccc agtaaatggga 30720
 tggctgggtc aaatgggtatt tctagttcta gatccctgag gaatcgccac actgacttcc 30780
 acaatgggtg aactagttta cagtcaccac aacagtgtaa aagtgttcct atttctccac 30840
 atcctctcca gcacctgttg tttcctgact ttttaatgat tgccattcta cctgggtgtga 30900
 gatggtatct aattgtgggt ttgatttgca tttctctgat ggccagtgat ggtgagcatt 30960
 ttttcatgtg ttttttggct gcataaatgt cttcttttga gaagtgtctg ttcatacctc 31020
 ttgcccactt tttgatgggg ttgtttgttt ttttcttgta aatttgtttg agttcattgt 31080
 agattctgga tattagccct ttgtcagatg agtaggttgc aaaaattttc tcccattttg 31140
 taggttgccct gttcactctg atggcagttt cttttgctgt gcagaaactc tttagtttaa 31200
 tgagatccca tttgtcaatt ttggcttttg ttgccattgg ttttgggtgt ttagacatga 31260
 agtccttgcc catgcctatg tcctgaatgg tagtgccatg gttttcttct agggttttta 31320
 tggtttttagg tctaactttt aagtctttta tccatcttga attaattttt gtataagggtg 31380
 taaggaaggg atccagtttc agctttctac atatggctag ccagttttcc cagcaccatt 31440
 tattaataag ggaatccttt tcccattgct tgtttttctc aggtttgtca aagatcagat 31500
 agttgtagat atgctggcgtt atttctgagg gctctgttct gttccattga tctatgtctc 31560
 tgttttggta ccagttaccat gctgttttgg ttactgtagc cttgtagtat agtttgaagt 31620
 caggtagcat gatgcctcca gctttgttct tttggcttag gactgacttg gcgatgcggg 31680
 ctcttttttg gttccatatg aacttttaag tagttttttc caattctgtg aagaaagtca 31740
 ttggtagctt gatggggatg gcattgaatc tagttttaga gagagcgata ccagccccag 31800
 attagagctg cttggacatt gaggaatctc ccctttaggc tgaggactaa aagaaagctg 31860
 tgggtgtaat atctagatac tgcattgtcat tgtattttat gtaaatacaa cccattgact 31920
 tatcttcac tctttatgcc tcaagatate acagttccct taagagattc atactacagt 31980
 caactttatg cctcaagata tcacagttcc ctttaagagat tcataataca gtatagacaa 32040
 gagagggaaa tcagccctaa ttttagctgc taagatagtc atacctatta gctctcccat 32100
 cctcacagac aagtctgtct gggtaacagg aattatccct gggtacaact gaggttaactg 32160
 agaagaggca actagcccaa atggaagtaa aatttcataa agctaataat acttctattc 32220
 cagaaaattt ccattttccg tattaacaat agtgaactt tttcttttga aaaaattaag 32280
 tacttcaaaa gcattctttt atttggtttt atagtagttc tatcaggagc cttcaaaaaga 32340
 aagattaaaa aaattgttaa tacaagggtg aactgatctg tgggttcagga gaaccgttaa 32400
 tgaacaatga aaatacattt gaaattatgt tatggagaag tatcagtctt cttgggttccc 32460
 ctgaaaatat gtttttagcta atcaaaaact ctatgaattt tattttgagg tacttttatc 32520
 tggagctgga gaatagaata cagaaagaaa ttgtatatgg taatagtagc atgggtgatg 32580
 catatgccca aaccatcaa attgtatata ttaagtgtgc aggttttttg gtatataaat 32640
 tatatctcaa taaagttgtt ataaagagga gaaatatgta cattaatttt tgtgttttac 32700
 acatattttt gatgttactg taaaactatt atgacttaat attcatattt tcctgaactt 32760
 tagaaatgta acccataaca aataaaacct gggtttgaac atgtaataaa agtcccatca 32820
 gaggcacacc attcattgat gcccttttaa tgtacagata tgtgcattta attattccat 32880
 atagcccttt caagaagcca aattaagctc catctacata gtgtgaagta tatgcgttta 32940
 atggacttgt atcaaagtat gcacacaatt gactccatt tgcattgaca gatgatgttt 33000
 tagttctttt aagtgtttct gtagecctct tgacttcccc atctgcaacc accatcttgc 33060
 acctctttca gagaacttac tgtattgaca gacacataga ggggttgacag aactgagccc 33120
 tgccctactt aatggaatat gtaaaagcaa agttgatcca gtgaccaaga atgaggttgg 33180
 ttagtttagc aagagtcagt tataaatagg ttgtatgctt gactaacaca gacaggacca 33240
 gctatataat ttgtggggca cagtacaaag tgaaaaatgc atagtccctt gttaaaaaat 33300
 tattaagaat ttcaagccag tgatagcaga gcattaatcc aagtgtgagt ctcttttaag 33360
 cactgggccc tatgtgactg cacagggtact atgccaattc tatggccttg aacacagaat 33420
 attatggata ttgtcatggg gaaggagggc agttaaagtg tcccctgtta aaagacagat 33480
 gtatgacata gttcagtagc aatcagaata attgaactat tttggctcta aggggtctaa 33540
 aacaatgagc aagggtgaag ttatctcatt tgagcagatc tgtataacct cacatggagt 33600
 tttaaacata aaggatttgg aggccatttt tagtgagaga aaatatgctt ggtcttgccc 33660
 ttgttaactg gctctgggtg cttttttcat cgaggcaatt tatctagcct tctaataatt 33720
 caatccaagt ttatctggca aaacattctc tggattgaag gatgatggat taagtatagg 33780
 tgtgtttcac attcactcta cttactttcc caagttttcc tgatcctaag cttacatctg 33840
 tagttttgat ctttcatcca tttttttaat ctcatatttt cagagatcta aaaggaattt 33900
 ccacttgagt atctaggcag tgtccaaaat ttagcaaatc aaatggaaaa tatccttttc 33960
 ttgggtagat atcattcata attctgaaga ctggtaaaca gtatcacatg tgactgtctt 34020

ctctttgccc agattgtttt ccaaagtggc tgtaccattt tgcattccca ccagcagtgt 34080
 atgaggggtt taatttctct tcatcctcac tgatacttat catttgtcct tttgattcta 34140
 gcttttcctag tatgtagtat gtgtaaagtgt gtctccttgt gggtttgatg tgcatatccc 34200
 tgataactaa agagactgag tagtttttaa tgtgcttatt ggccatgtgt atatcttcc 34260
 tggagaactg tatttgtttg tttttatatt cccagtcccc catccagaac tgggcatact 34320
 gtagggactc aaaaatgaaa gtcataaatc actttagca gaatcaccta cagctccgag 34380
 aactcagctg aaacctgcta tagatcaaac tttccacact taggcctaga gatctacatt 34440
 taaacaagat cctgggggtc ctgtttcact ctgaagtgtg agtagcattg ccttaactaa 34500
 agatttttta aacatctgaa gagcttcagt atattcagag gtaaacatga tctatgctgt 34560
 tctagactgc agaagtggga ctagcagaca agaatcacag gcaggagcac attgcctcat 34620
 taagtgggtg caagttagt ttagctggcc catctgccac agaaggaagt cttgcattgg 34680
 gtagaatgta gggcaggtag ggcaggatgt agtctttctg gggatgttat gctatttcta 34740
 tacctggtag acccatctta atttttattc tgccttatga tcagatagtg tatctcgtg 34800
 ttggctatat ataaaatgac aaagtctctt ctcaaggaca gtgtgtactt ttttctact 34860
 tctgtttcat ttcctactc ttgcttttct ctgagaaagg gaaaacaaga tttcaccagt 34920
 tctacacaaa gtaatttact ttaaagactg ctaatacata tgtatcctcc tttctgttat 34980
 cttatcaggt ctctcgatc caagcaacaa aataagactt agcatattga cggagccca 35040
 aaaggaattt attataaatt taatgggtgg gtcacagatt caccaaggat ttctggaggg 35100
 ccagactaag gacaacctcc ctgccatcac tgggtgtggg gcccatggca ctgctgccta 35160
 ggaactccat cgtgctgct ctgctaccac cacagtggcc ttcttgaggc cctcattct 35220
 tgatgtcatc agcaccat tctgagtcca gggcatcaga ctgtagcgta caccatgttc 35280
 aatcaaaaga taactgagtt gataacgaat gaattcaatg ggcactagta acagtaggca 35340
 ccaaagagca agtaaaacaa gtaaaaaaca aacaacaaat aaaacccaaa accctcctct 35400
 aggagcttac attttagggg aagagctgag gcacacaaaa cttgttaggc aacaacattc 35460
 cctataccaa ggaacacgat ttaggggtgac agaactgtg tgtagcagta taactacagt 35520
 gttgtggagt aattttcata ttgttgtgta acttgggaat agatgtacat ggcagctcct 35580
 attttccctg gaactctgat caccaaacaa ggtattcaac cttgtgatct gaaccggaga 35640
 accttcagg ttaaaggcta aaaatgcctt tgcagacttt ctctcctctg ctgccctctc 35700
 attactgtag cctgactttt taagaaacca actttgttga agaataattt atagacaata 35760
 aaagataccc atttgaata cacatttcta atagttttga caaatttgca cactgtggta 35820
 gccaccacca gaaataaaat atagaacatt cctacacct taaaaagtta tcttgtgctc 35880
 cttctaattc tctccaccc caaaccagg caaatactga tatgcttctg tgactatagg 35940
 taagtctttt ctagegtttt gaataaacag aacctgtgg tatggactgt tttcgtctgg 36000
 cttccttcac tcagcattgt gttttagaga tttagacca cagcctgatt aaacaagtcg 36060
 tgggtgctagt agagatgtga ctccacagct ctgactgtca aggaggaaag gaaccaccac 36120
 atcatctcct ctattctggc cagttccagg ctccaaccga tccccactaa tgctgtagta 36180
 ggagactcag gcattcactg taatcaacta cataaagcta ggcaagagaa atggaagtaa 36240
 agggatctca gggcagtgtt ggcccagctg atgaagataa tctctcaaca gaatcagaga 36300
 atcttaggta tgaatgaagt tttaaaaaat tattattttt gttattttta gagacagact 36360
 tttgcgctga tgcccaggct agagtgcagt ggcacaatca ctgctcactg cagcctcaaa 36420
 ctctagggt taggcagtc tctgectca gctcccaag tagctgggac tacagccaca 36480
 tgccaccag cccagctaat ttttttactt tttatagaga ggggggtctca ctatgttgcc 36540
 caggctgggtc tgaagctcct ggacttaagc aattcttctg ccttggcctc acaaagtgtc 36600
 aggattacag ttgtgagcca ctgcatctag cctgaatgga gcttttacgt catctaacc 36660
 aagccccctta ctctgtggtt aattaagata attcagcaga gtatttttca ttccaggacc 36720
 atcttctcta tgccctgaat tctgagctct gaatacaaga caactcttgg agggcaactg 36780
 tcctttttct cagatgtagt agaaaggaag gggacagagt gggaaacaga agcaagaaaa 36840
 aggatacaga gataggatca tgaatagagg aggtggatgg gtcagggtttg ggaataatga 36900
 ttaatacagt cccgatagat agggctcagt tgatagaata ccttgaactg gaggcttaat 36960
 aagttttgtc tgatggggaa tacaagagaa gatcttttagc aagagagtga cataaaagta 37020
 gtatttgaaa aatgattatc cttgagctta aggaatcat agagtaactc accagccagg 37080
 aaatttacta caagtgtaaa attaccgcta tgacctagca attccattcc taggtacata 37140
 cccaaaagac ataaaacat atatccact aaaaacttgt acacaaatgt ttacagcagc 37200
 attattcata ataaccaaaa ggtagaaaca acccaagtgt ccatcaactg ataaatggat 37260
 aaacaaaata tggatatcc atacaataga atattattta gccatgagaa gccatgaaat 37320
 actgatacat gctacagtct ggataaacct tgaaaacaat atgctaagtg gaagaagaca 37380
 gtcacaaaag actacatt ctatgattca acttatatga aatatcaagc aggcaaacc 37440

acagaaagaa aagtgggtgc caggggctat ggagagtggg gatgggtagt gattgctgat 37500
 ggataaggga tttctttggg gactgtgtta gttttccagg gctgccataa tgaaatgcc 37560
 cagactaggt gggttgata acagaaattht attttctcat gttctggagg ccgaaagtcc 37620
 aagaataagg tgccagcagg gtgatttttt tctgaggctg ctctccttgg cttgtagatg 37680
 gccacctcct tgctctgttt tcacatggcc tttctgtgtt tgtgcaagcg tgtccctgg 37740
 ctctccctct ccttataaga acaacactta tataggatta gggccactc tgctggcctc 37800
 attttaactt aatcgactct ttcaagacct tatctccaaa tacagttaca ttctgaggca 37860
 ctgggggttg agaccaacat atgaatttta gggggacaca attcaatcca taataaggat 37920
 aataaagggt tctaaaatta gacagtgttg atggttgag acctctgggg atatactaaa 37980
 agctactgaa ttgtactact gaaaagagtg aatttaattg tacatgaatt atgtctcaat 38040
 aaaactgtta gtaacaaaaa ataaaaacta aactggacat agctcttgcc ttcaaagagc 38100
 ttatggacca gtcaggcaaa caagaatgta aataggcatt ttcaaccctc tgcaggcat 38160
 gctagatgga gatgtgctta ttctatthtt atagagtaga gaagacattc tggaaagagt 38220
 aacgttgagg ccaaacttac agaatgaata taaatctggc agagaaaggg tagagacagt 38280
 gtgtcccaga cagcggaata gcataagtga aggcacaaag gcatgaaaac cctggcatgt 38340
 acaaggaagg aactttacaa cacagttatc atgcccctgc tagtctgctt tctctgtta 38400
 ttattaaaat ttaaatgctg gataaagatt acattaacaa tgagtagaaa gagctttgg 38460
 cttaaagtca gacctcctgc atttatatct cagtctttcc acttactttg gacaattacc 38520
 taaactacca gtctcagttt tcttatctgt aaaatgggga aaataaggat gattctatat 38580
 ggttgtaagt cttaaatgaa tgacaaggaa aacattccta gcacattttc acaagttatt 38640
 ccttgaaata cattagctct gtccatctcc ttgtttctct gactattcct tggataactt 38700
 ggttttaaga cccctcaaca tcttaaaatc attccttgaa ctaactttgg tgaccatatt 38760
 ccccttgaaa tgaggcctga acaccagggg tatgatggaa ccaagtgtaa tgatactaaa 38820
 atctttcata catthcaaaa tcagcctgga atattggctc ttttagcagt cacatactgt 38880
 ttcatattga attgggggtg tgggggagga agtattcccc ttcccacata ctttcccag 38940
 agtttttata gatgagctgt tctgctgtta agtcagggtg cactcatctt agatttgagg 39000
 atttgatttt cctgactcta actataaact tcagggtttta gtttgcaaaa tttagtcttg 39060
 gtgattttcc gctcgtgttt cagcttcttc agtcattttg aaaagggtgaa tttcccttat 39120
 gcctattgat tatgctgtct ggctttgtgt cttctacaaa cttggtaaat gtgtcctttt 39180
 agattttcat ccaagtcatt aataaaatgt aagtgaggat attgttaggg atctcaatgg 39240
 cattaggaag taccacctga aaaatggcct aagacacaag agtcagcat atttggctc 39300
 cttgtttgac cagctatgaa tccacaagaa gactgcattt ctctgtatg aaaaggatat 39360
 cacagactca tctctttgac atgttaacat ggttttatca gatgggctga aatcatgata 39420
 taccacaact aattgcttct ctgtgatcta ccaatcaacc ctccacagaa agaaattagg 39480
 ttaatttggc atattctcca taagcccatg tgagctcctg ctggccgctg ctttatattt 39540
 taaattctca caagccatct gtttaatcat cagttcttca atattgccag cgatttgtgt 39600
 caggattatt gctgtaaaat ttttgaaaaa tactgctcat aaaaattgga acatgtacat 39660
 gtgccttggg gacaggaggg gcaggagggc acctctccct tttttttccg gattattcag 39720
 actatcaacc ttgtgcagag atgtattttt gagtgtgtgt cttgttgtga agctcattgg 39780
 actttgactt cataaactca gaaggcagca tcccataggg gtgagatagt tagatgccc 39840
 ggatttggaa gtgggggcca ggtgcggtgg ctcacgcctg tctgtaatcc tagcactttg 39900
 agagggtcaag gcgggctgat cacttgagg tagaagttca agaccagcct ggccaacatg 39960
 gtgaaacccc atatctacta aaaaaaata aatacaaaaa ttagccaggc atggtggcac 40020
 atgcctgtaa tcccagctac tcgggaggct gaggcaggag aatcacttga acttgggagg 40080
 cggagggttg agtaagccaa gatgacacca ccacactcca gcctgggcga cagagccaga 40140
 cttgtctcaa aaaaaaaaaa aaaaaagaaa agaaaaagag gatttacaag tgggatctca 40200
 gtttcattat tattgagtgt ggtttgtcac ttaacagact ctgtgtctta atctctctgt 40260
 gtcttagttt ctttatthtca agaggatttt aatagtttcc tagcacagta catggtgcca 40320
 aataactgtc tcatgtatgg cgcttactat tgccataatc atcaccagta tcaattttt 40380
 agtgggtaga ggttttctca tgattatctc atatcttggg ctttgattac ctcttagga 40440
 tattgatttc atcttttaa ggtgcagac agtttcttat agcttttaat tattgtctc 40500
 tgctctgcca ctggattgca aagtccttga aggcagaggc tgtgcctgtg acaagtaaag 40560
 taccttccac agatcagggtg ccccatcac gtgcactgaa tttagaaact ggaattaaag 40620
 taatagttga gaagcttttc ttaagttaga catcaaagtg cattatttca tatgtaagtt 40680
 ggaattctgt ttctgaatga attctattca atagaaccac tgatgttctc cttgggaaac 40740
 atcttactg ttatgtgact aaaattaaaa ctggcttatg acactcggga tccaaagatt 40800
 gaaatacccc tcgtaatagg caagaattgt atcacattac catcaacaac agcaatagta 40860

E1
 WAX

ctaatagtaa taataaaaaat acctttcaag aagtttgaa tttaaatttga agctcaatca 40920
 tagcaataat ttctggccag catatttgtg ttcttttccc tatttgtgtt ctattcttgc 40980
 tgggtcttaat tttttgttgt attatgtaag ttatgtcaaa ttgtctgtga aatgaggctg 41040
 agtataaata cattaaggta ataaattatg taataagaga tgttcaaagg gtcattgggc 41100
 agctgtactt tatcattact gggaacagaa caagaagaaa ccagtgcata ctatagttta 41160
 aagaatttgg gttaaaatgt aaggaagatt ttcttcatag tattttaaaa cggacgggtt 41220
 tggggtcata tcagtgttgg ctgtggaatc ttctcaggag ggcatgtagt ccactcctgc 41280
 ggctctctctg agttccagtg ttctcatctg taagatgatg aagctggact agcagctgtt 41340
 cccagttctt tgttttcaaa tgagatttca aggttgcctg gaaggagggg tgagtaggtt 41400
 ggggggatgga gggggacaca gtccctgtct gttggtctgc tcttcaaate caccctctgt 41460
 cccaagcctc tagagaacac tggggctctt caacactttt agccctggca gtcttccaga 41520
 cccctgctctg ttctcagcct tgctactcaa agtatggctc ctggacaagc agctgcagcc 41580
 atcacctgag acctgagaaa tgtaggctct caggccccac tctagagctg ctgaaccaga 41640
 agcagcattt gaacagatcc tgtggtgatt tgtatgcaca ataaaattca agaagcactg 41700
 ctctaagacc ctgtgtccct tctttgtatt caagtatcac actttttgat tctaattgtt 41760
 tcctttgatc atattaacat gaaaatattt tgacttatcc tcagattcca gaatctctag 41820
 aaacaaaact catagaaaac caccgccaag cttctttttt ttagtgtccc ttactcaaca 41880
 ttatgtcctg aggaggatgt ctctgctgca gagctcctgt agacaacttg ggcaggcggg 41940
 agaaaccaca cagcatctct gtgactgtag caagtgtctt gtgactttgt gtgtgttaca 42000
 aatcaatgac taaatccata agctgtcatt cagggaact agatccttcc tagtagtaga 42060
 ttctcctttg atctgtcttg gtaggttatg cctgactttt ttagggtgcac aaaaatagac 42120
 ttttatttgg gtataagcac aactcagcaa aaatataaga ccagaatca gtgtttaaac 42180
 cctctaaggg aagtatgctt atacagagtt tcatcttctt ccttttccat ctcaaactta 42240
 aatgcagtaa caactggctt tatcctatag ttaaaaagtt gtagctcaag cctgcatatt 42300
 acacttgcca tgatgatgaa atagagattg aaatttagaa ttataaactt ttgctatttt 42360
 ggctgtctta ctgttaagac agccaaaacca ctgctattat aaacaagggt aaagaacttt 42420
 atttcattaa aacctagat ttttttattt tttattttta gtttattagt ttaaacaact 42480
 tcttgcttag attataattt aattttactt taaacagtgt ttatcttttc tcattttttac 42540
 ctactcaagg aaatggagct aatcagcttt tgttgcttct taaaactcaa tttgttactg 42600
 tatcttgatt ttattgtcat ctgattgtct cattgaaatc tgcaattctt gtatttttct 42660
 gtaatattca aaatacaaac ctggtgggac tgtaaaactag ttcaaccatt gtggaagtca 42720
 gtgtggcgat tcctcagga tctagaacta gaaataccat ttgaccacgc catcccata 42780
 ctgggtatat acccaaatga ctataaatca tgctgctata aagacgcatg cacacgtatg 42840
 tttattgagg cattattcgc aatagcaaag acttggaaacc aacccaaatg tccaacaatg 42900
 atagactgga ttaagaaaat gtggcacata tacaccatgg gaatactatg cagccataaa 42960
 aaatgatgag ttcacgtcct ttgtaggagc atggatgaaa ttggaaatca tcattctcag 43020
 taaactatcg caagaacaaa aaactaaaca ccgcatattc tcatcctatg gtgggaactg 43080
 aacaatgaga tcacatggac acaggaaggg gaatatcaca ctctggggac tgtggtgggg 43140
 tgggggggatg ggggagggat agcattggga gatataccta atgctagatg acgagttagt 43200
 ggggtgcagcg caccagcacg gcacatgtat acatatgtaa ctaacctgca caatgtgcac 43260
 atgtacccta aaacttaaag tataataaaa aaaaaatata aacctggaat gaattattca 43320
 ttagaatatt gcattttgaa tattaaccta acactaattt taaatttga gcatataata 43380
 attgtaacag aagctaacca aattatctgt ggtaaatttt tttatctcct tattaacatt 43440
 gttatgtctc ttaatttctt cgctgcata agtaggatct ttgctgtaag ctgagaactt 43500
 ctcaaagcgt aatggagtga atgagtatt ttgctcctag agtcttatgt tatcaatatt 43560
 tatttttgtt ttttaaggcat attactactt ttccattgtt taacaatttt aaatcaatga 43620
 attttctca gttgaacttt taaaaagact ggccctcaaa cacacaaaat tatacctgca 43680
 ggggttgggt acttgaaca acctcacaat gtagacttca ccacctgtt aggagagtaa 43740
 gtcctgagaa acactgcctc cctcttctgt atgatgtctt ttcccaaacc tccaaatctg 43800
 cgggtgctata attggcaata ttctagctt ccgtgagatt tctgtaactc tcaaatgata 43860
 atgaagaaca gacatagggt cattagtgcc tcatcgaaag caaaaccatt attccaatca 43920
 caacgacaag ttgtttttgt ttttttctt ttttctttaa tgctaggga ggaagaaaag 43980
 cagatgtcag gagtttttgt tctttgaaaa atgaaaaatt ttagactgtc ttactcatta 44040
 gacactgaag atctctatac taacagcaga aagggaacac cattaaatct ggagacaaaa 44100
 gtctattctt cagaattgat ggtctgtttc ctcttcaag aggtaaatgg tggctccatt 44160
 gtaacttgct ttgtgacctt ggataaattg cttaatgtcc caggacttca attgattgag 44220
 gtactttgat tatctgcttt ctgagggtct tgtccagctt taaaattcta caaaaacata 44280

aaatccattt	caaaaactgga	aaagaagctg	aatatggggg	gaacacatta	agaaaatttg	44340
gtagctttgt	gcttctcttg	ggccaggcca	ttacaatggg	tattatcatt	tctctgagat	44400
attgtgaaac	atcagagcaa	aacctttttt	ttcaggatg	aatatctgcc	atTTTTTgt	44460
ctatgcta	gttattatca	gctcccacgg	gtaattcagc	ttccagatca	aagctattcc	44520
agcaagtatg	ttagcaagca	aattttttata	aacttgcatt	tttagtactt	ttttatctcc	44580
tatcactaga	gaactataga	aaaagggtata	tttattactg	tttgtaaagt	gtattttctt	44640
tttcttttct	tttttggcag	gagagagtga	aaaccaaata	ttttaagaat	tctttttttc	44700
ttgggtctttt	tcaactcagt	atTTattttt	aaatctttat	atTTTTtgat	tggcgaaatca	44760
tccattcccc	ttgcttcact	cttttctttc	ttgcctctca	ttttagatta	tcttctgttt	44820
gctattatta	cttctatatc	atcacctaag	ggaagaagga	taacactggg	ggaattttta	44880
taattttgaa	ttctgatgtt	tttaaataac	ttaaaaaatt	ttatataaaa	taattttgaa	44940
ttatgttttc	aaattaaaca	aatatcatgt	tgTTTTagtt	ttgaaatgta	ctaataacaa	45000
agaattttta	gtcattttatc	ccccagtttt	ttttctcaca	ataggttcat	ttctgtgtag	45060
ttcactgtag	ttcattttgt	catgattttt	aaaagattca	tatcaatgct	caaatagaaa	45120
agagccaagt	tatacatTTT	ttgtttaaat	tagtagactc	attaactgct	ttctaagtaa	45180
gtaagacata	gcccagttct	caaagggtct	acctttcttc	taatcttttt	atacagcata	45240
gctataccta	aataaacttta	tcatttgggt	ttttataacc	ttaagcattt	acaaatgagt	45300
ggaatatttta	ctgtactaca	ttctctaccc	ctgattctaa	tctcttcttc	tttaaaccatc	45360
tcctcttcct	tcttgtagca	aagtggtagt	atcaggaaat	ggctgatgct	atcaaaatgg	45420
cttaaacaa	aagaaactct	tgctctccta	tcaagaagtc	tagagagaga	gcaattctgg	45480
tttgactaat	tcagcagctg	agcaacatca	tcagggacgt	tggggccttc	tctcttacct	45540
ctccatgttt	ctgccactca	tgttaggggtg	gcttacttca	tggctccagc	tggctgccat	45600
agttcaagga	gtcacatgca	gatgatcaca	tgagagggtg	gattaaagaa	gagtttcctc	45660
tcagcttct	ctttttatca	gtgaggaaca	tcttttccag	accaattatg	attcaccaca	45720
ggaactaggg	gaggatcctc	ctttccagag	catatgatgg	taggggtgtt	gggggatgac	45780
tgtgtggggg	aggcagtcac	cagtgtttct	cacaataagg	aggccacaat	attcgatgac	45840
tctgcccatc	tgtataaata	agaaaaatag	aattgcttga	ccatttgtct	caggttgtgg	45900
gggagaaaaga	tagggacaag	gaggagctgt	atatgatttt	aaggggaagt	tagaattgac	45960
ccaaggcatc	cttgggtgta	aagagaactt	ttagagaagt	aaatagaaa	aagttccaga	46020
aagctgtctc	ctccatgaag	ggaatccact	catattgtag	gtaaaagaag	aggggaaggc	46080
aattttttct	ccactcttct	acgagacagc	ccagcagct	tttatggagg	ctgtgactta	46140
gaaatggggg	ggaaatggct	gtcatgttgt	gagggcacaa	atgcacaagc	ttttttaaca	46200
ctgcctgaac	aaatgcagac	ttttgttgct	ccccagtga	ttaacatgct	ctgatgcatt	46260
ttttttggct	tggctatcaa	ctctttggct	atgtgcttgg	ggaagggtct	tgcattgacac	46320
agcggtcaga	cattttatct	tttctccatg	tgacttccag	gaagccctct	agggaaatgc	46380
aggacatggt	ccatttggac	gccagctcta	ttcttgact	gacacaagag	attctctgca	46440
gagaactcca	gggagcacca	gcactatttc	cagccttgag	acatgtgctc	aagtcatttc	46500
tattttgctt	atttatacag	atgggaaaag	tcatagaatt	cacatgatgg	ttattagata	46560
ttttttattc	atgcaatatt	tgtcttcaaa	ccacctactc	ctagaatttt	tgtttatcct	46620
cttctgctcc	ttaaaactaa	aaggcaattt	gcaatgattt	gttatagtac	cagcactgag	46680
acactgcatg	aaagtgtgca	ccacaaatgg	aatataatc	tagacagcag	ccagaaatag	46740
catgtttgcc	aaacaaaaat	atctgaaata	atTTtactcc	ttttttgttc	tttattagct	46800
gtattattaa	ttatttgcct	attatctgta	tgtaatactc	atatgctgct	aaaatatttg	46860
taaacaaaa	cagtcttgaa	aagcatagta	aattggaattt	atctataggt	tgtaattggg	46920
ttgcagtttc	attgttgaat	atttgaggca	ctttatttta	ctttgtctag	gaatctttat	46980
ttgctagcca	tcttcaggag	tatagggaaa	ccgggccaga	atttaaaatg	ggaggaattt	47040
cctttatttt	tatcctgtgg	aagacagtgt	tggggctctg	cctatatccc	ctgggcactt	47100
aacattttct	tatgcatgga	ctcagcctcc	aactgcctgc	acatgcaatt	ctgcctgagt	47160
gctctttcta	gccattagga	tttctgtgct	tctggcaagg	gagaagagtg	gaggaattaa	47220
tacttccagg	gagcaatttt	agccagtga	taatgggaat	tgggtggatta	gtatcccagc	47280
cccattactc	ctcacccttt	gggcaggaga	actctgaggt	taatgttcta	cactagctcc	47340
cagagtttct	tgacagaatt	aagctccaac	tgccctcagt	gataactgtc	ttgatgatat	47400
accctttcat	ggcttccctc	ccctcctgtc	tcacttcccc	actttcctat	tacttcccaa	47460
attactactt	gcattcaaat	ccttgtctca	gggttcgcct	tctaggggac	ccaaatgaag	47520
agagtccttc	agagcaaagc	atggcttaat	gggagggttc	ctcatgctta	ttttaaagat	47580
cttgctatgt	aaagcttaaa	tatttttttg	aaaaaatggg	gaataaatgg	gtggagagga	47640
aggaagaaa	aaaacaagga	gggaaggaga	ggtttatgaa	cctgacagtt	ttacagtttt	47700

atatgtctct taaaaaatat tcctcctccc tgtaacattt taattccaca ttccataatg 47760
 tatagtgtga ttttgtgtat gtgtatgtat gtgtttactc taaggaaata tacagcatat 47820
 ataaaatatt gtaatatata atataatgta taaagtcatt ttttaaaaga gtcatatgct 47880
 gattaacttt catagcctat tcaggtaatg caaatgcaga cactcttcta ctggatattg 47940
 acttatacag ggcaaatggt aaagaatgat acattcattt attttgtctgc ttgagctcca 48000
 cccagggaaa aggcaatgca gcaagtataa agcgggttgc atttgcaaaa gtgaacatcc 48060
 tgaagctcta gtccgtggat tttgcctttt ctccctgctc aaagaaaggt taggaatcct 48120
 actgcccacc cccagctcta ttttagcatt tatcatgaag ttgtccaact atttatatac 48180
 ttgttggcct ccccatggga ctgagctctc ttggaggggca ggagttttgt ctttttcgtc 48240
 tttatatctc cagcacatgg catggtattt ggcacataga agatagttaa tagacagtaa 48300
 agtaacagaa gcgtgagatt tcctgtctca aagtcttttg cagtttggtc ctcagttgct 48360
 gatgtctgcc atgggcacct acagtttgcc attcctgcac tgcaccatga tgccccctta 48420
 acccctgctg tgtccaaagg ctctgctaca tgtttgtgat cggggtacgt agaattggaca 48480
 agatgaatta gagagttcta acccccgaat gagctagttc cacgggttta attgttaaaa 48540
 aacaaaaagc agtgcataat gtggcatatg gggataaccc ataaaataat tttgtccttt 48600
 aatgtgacac agcataaaaa ataataattt tgttttacca agggaaggaa aaacaacaga 48660
 aataaaatga aactccatct gtagtataat gtagtatact tgctactaac ctctactctt 48720
 ttttttcccc taccagctat tcctttatgt aactttgttt cctggctttt ccattatttt 48780
 tatcaatgtg ccaatttttt aaataaatat tactctctgc cattatatac ctttttcatg 48840
 cccctttact tttaaaagtt atatatcata ttaaaagaga tgaaataact ttaaaacagg 48900
 atgttttcca ccatcaattt ctatctacat gtaaatggag aaagaattac cgcagcctta 48960
 aatacattag aagagtctaa ggtggaaatg aaaatgaacc caaatgagcc agaccttttg 49020
 aggtttggct ttcattgccc caaagtgttt acagttattt gtggtaacac ctgaaagtac 49080
 ttctgtgatg cataattgca ctgatcagga ctcccagggtg caggtaagag cagccaccct 49140
 ttgccagttt aagcagaaaa ggatttggtt cagaacacag atagttcata gcagtgggtg 49200
 gagggctggg ggagcaggct agagggcaga acatcaccag tgaagtgacc tagtgccctt 49260
 gagctcaggg ccatgctggt tctgatgaca catatatttg caaaatggag acgccgtgcc 49320
 accttgtttc ttgatgcagc tcacactcac atcaaagtgt tgggtggatg cagctgactg 49380
 acagaacctt ggtcacacac cagcacccaa gctcaagaga ggctgggagt catagggttg 49440
 gtttgtctgt ttttatctct ccaggggagg caagactcac agcccaggga tctgccacag 49500
 tgtaaggaaag ctgtctaaag tgggcagcca caaatgacaa gtgtctgcta caataatgtc 49560
 tcatgaaaac agcagtaagc aaattgtgta agctgtttgg cctctactat taagaaatac 49620
 atgtagcaaa aagattgtaa ggaaatacac agaaatgtta attctgataa tttctgtgtt 49680
 ggattgtggg taatattttt cttatgttgt gtttttaaatt ttttctataa tgaaactatt 49740
 tccttgtaaa ttagaaaaaa gagaccttcc catttaagaa aggcagataa aaataattcc 49800
 tgcttctcta gagggatgaa aaatcttaaa acccctgatt atatttcata atctctcttt 49860
 gtaaaacagg caaatgataa ataaaaaaac acaaaagcaa aatccaaagc caaaaagtta 49920
 ctggtttgtc taagttgaaa ttaaaatttc ctgtggctta ggctaagtgg gtacagtagc 49980
 tgctaatac atcagggtca cagctctgaa atcagaaagg cctcagacat ccttacctca 50040
 actttatagc attcattgca atttgaagct ttgaaaaaca caaccatata tgttactgt 50100
 gttcactgtt catatgttcc tcagatcct ttctctttag tcttggcttt tcttttaaaa 50160
 actcaaaaga catgtgtttg actcataatt ctgtagtgat ttcacctttt acctgaagca 50220
 gtgtatgctg ctggttgaat ggggaaaatg tgaaaagata tgtgaaaatt tggagaaaag 50280
 taacccttaa ttaatatctc aaagatatca tcttcccat ttctgcaaaa ggtaggccaa 50340
 tttcaaggga atgaaattag ccatagttat cccgaatttc caaagtatt ctcaaagttt 50400
 gtcagttcac tgatgctaga aagaaagaaa gcatgtaact tgggaagtct ccggggatgc 50460
 ctggttttgc tactgtcttg aaatttctcc tgagttgagg ctctgataaa ataaatgtct 50520
 gtcattgtat ttaggagggg tgacaggctg gaatcactga gcaagtgaca aactgtccct 50580
 tgacttggtg agtttccatg ctgtcttttg ctgatacaga tctcgtatta agtgatatgc 50640
 aatgagagtt tcctctgtca gctcagtgac gtgattttag gtaagggaagg tgaacgtctc 50700
 cgcatacagc agagagatta taatagatat cacctgtctt aatagcccta ccttcactctg 50760
 ctaaaactgtg gacaaatgag attttatgct ttatcatcaa ggtgccagac ggggctcagg 50820
 tattttacatt ttatatgtaa aattgctcat gctctgctgc acaatagttg gtggttgcaa 50880
 ggaaaaataa gtatcctgaa gctttttaga gcattttatc cttcacagca agagaatatt 50940
 gcaagttggg aagactttat attgtcatgc ttaaccactg tgacttttat aactgcatgc 51000
 tagctggggg acagtaaatt actgaaaagc tctatgaaga tgtctttgtg cttcgccctgc 51060
 tgctttgtaa tcttcagtag ttaaaaaaag tgtcttgtat gtcatttcta gcttcttttg 51120

5'
 cont.

gtataactaac agtctgaaat gccactccta ataacattag gtcatttttaa accaaattct 51180
tgatagaaca gcctttcttc agagtgttac caagcaggca tttctctaga atctacttct 51240
tattaaatag gagcctaata ggctgtttta aaccaatgtg aaaacacgtt aggggaagga 51300
agacaagtgt tccaactttc tgtattgcag tcacatttaa agacacctgt taatggcata 51360
gttgagtcc tgcctgtgag gttcctgagg cagagctgcc ctttctaata caaattggcc 51420
tcctctttgt ggaagcagct tatgcctgct gttggttgct ttttgggaat gagatgagtt 51480
cagaatggga agaccatgga gaatatatta agtgaataaa atattaaagg actcaaattt 51540
caggggaagt gacttcccag taatggctcat cttggattag aagggttttc ttatgagatt 51600
tttggagaat ggaaacttaa cccagctttt attgctctgg gaaaaaaaag gtcaaactgt 51660
acccaacccc ggaataggat aagggcactt tctacatttt cctacttagg ctctcagctt 51720
ctaggacaga tttcctaact tagaattgta acgagttttt aattttgttt tgttttgttt 51780
ttttaattgt agtctctcac tgagaaatgg gatgggggaa tactatacaa tagtgtgctg 51840
actgcaatat caaaacttct agaccctgaa tatgaaacaa gaagaaagct ctacctctgg 51900
taatgcctga ggatattacg gttcttccat tgtaaaacag agggagagggc ttgtttgaat 51960
tactgagaag ttaatagcat aatcacattt ttaaaaatgg tagaagctct tctctccaat 52020
gtgattgaag gtggtacttg gttaaaaaaa ggaaacaatt ttaaaataaa atgacattaa 52080
ttaaaacatt tacactcaact taaaatatat aactgtacat tttctccagt ttttggctgt 52140
atagccagca tccaatgtcc tctgggttaga gactccttca tctttttttt ttttttgcat 52200
aaactacatc cataaaatat atattatttt tatattattt tttaggacct agttttctag 52260
atttattttc tgtaacaatc tgaattcaga atactagatt ttcacatttt taaccttttt 52320
agaactgtct tttcagttac ttgacagctg tttatttttg caacttttta ttttcaagtt 52380
ttttggtaat catttgactt agttttccta gcagagataa ctttcacgct cactcttcat 52440
ttaagttata ttgaagtcac aaatttacia tgatgagcat aactggcatt agcaggcttg 52500
ggaataaaca caatgacttg gtaagcatac atctcaactg ggagggcaga agttcatggg 52560
catgccaaagg agagcttatt agctggaggc attccctgtg gcaagggcat ctgtcagcat 52620
ctgttaggaa ggactggaga atgatggta atctatgcat tgggttaaagg gcctaaagaa 52680
attttctact ataatacatt tttattgata tgcataagta gcaactccta aagaagattt 52740
ttgtaaaatg ttttctagta caggtcctgc agaacttgcc ctaatgaact gccaatgctt 52800
gcttataatc atcagactgt gtctgcaaac ataattgggtg ttctaaagta ttttttcta 52860
tagtctagtt cacactttgg tactataatt gatttgttta tcagactctt ttttttcta 52920
gatgggaaga gataatgttt tggctattc ccaaagagtt atcacaattt ttaaaattat 52980
gacttggggg tttaatgagc tcttctttca tttatacatg ttagaaatac taaatatctc 53040
tattaatgtt ttttagttaat ttttctgtt aaatactggg agtaatgaag tatgatatgc 53100
caaggatagt tttaaaaaga aaataaataa atattgctcc tattgatatt aagtcgatat 53160
atttggaaaa ttttaagctg agagagagaa gcatgcctgt gagtgtgtgt aaatacatgt 53220
aaatacatat acagaggcaa agagagacac agaaagaggc agagacacag aaggaaagat 53280
aggcaaagaa agaataagat acaggagagc agagtgtggg attacatata tatatgtgtg 53340
tgtgtgtttg tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg tatgaacaca catagaaaga 53400
gacagacaga aatagataac tataagagaa accaagagagc actgaaacat ctagagaggt 53460
ggaggaaggg ccaccccagc aatattgctc aagattagtt ccatggctgc cttatagaa 53520
ctgtaggata cacagatgag gaggtcagag gccttggggg agcaggacag gaaaacaggc 53580
ccagggtccc ccaggagaca cagtgtcata ataggcaata ccagatatat gaggtaggtca 53640
caacctgggc attaatatg ggetctgtac cacttgatga tatttgttaa atgtgtttt 53700
cagctctaaa tgttttttaa atttttttt atctcagaaa ggtacttaag gaaatatctg 53760
ttggagaact aaatccaaat gaaactgtac aggccaatat tgtggagcaa gataatttct 53820
agctggacca ccagccatt gtcaagttcc atgcaagttt tgtggagcaa gataatttct 53880
gcattatcac ggagtactgt gaggtgagac tctccttttc tcttggaggt ctttataaaa 53940
acttgctgaa tggtaaaaag ctttctgtaa agagatctta aaagtccaat tatcacacca 54000
taaattgaac tgtaaaagac tgggatccca tgtcttgag ctaagaatga ttatctgtag 54060
ataattgaca aaacttgttt ctaaggaagg gtttttccct ccattggcaa actcagtaaa 54120
aaagaatata ttttaagggtg gaggccaggg gtggtggctc atacttgtaa tcccagcact 54180
ttgggagggt gaagtgtgag gattgtctaat ccaggagttc gagaccagac taggaaacat 54240
agtaagacct ccattctctac agaaaattaa aaaaattagc cgggcgtggg tgtatgagcc 54300
tgtagttcca gctagcgaag agactgaggc aggaggattg cttgagccta gcagttcaag 54360
gcttcagtga actgggacca tgccatcgct ctccagcctg ggcgatagag tgagacccta 54420
tctctaagaa aaacaaaaaa caaaaaggag aaattactgc agaagaatgc atcaacaatt 54480
ttttgatagg ggggaaggga aaccttctag aatggtctga tgetttagacg gacattttaa 54540

tgctctaaca gatgcttggt tagagtagag gtatatgtcc tgagttttgg attccagctc 54600
 tatgggttaa tttcttcagt ggaagtttgg aaatggaaat atggcttttt tccccacaag 54660
 aattcctcat atttatcaat ttgtggttta cagcttgaag tatttacagt tttccaacc 54720
 actctgagtt ctatccaagt aatagctgtg tattttactg agccccaagg gagtgtgaag 54780
 ctgcttagag aagtgggaga ggggaaagt gacaatgtgt agctgcagtg tgaatctgtg 54840
 tgtttactcc tgagacatta tggagagagg attgacaggg cttgggtcag gtagagaata 54900
 cccaaagatg actacgctca aaaagtatct cccagaatat tatggaagct aggggttagcc 54960
 aaatgcacct tgggagaatt tggtagctgt catacttttag gatgaagtca gcttatcact 55020
 tggatgttgc tggagcccaa aagacatgag ggaaaaaaga tgctcttttag agtagacggc 55080
 agttctgttt gggccagaaa ctttgacaaa ctcgaccta cttgaagggtg ccatttgttt 55140
 gagagagaga aaagaagaga caggagaaag aaaagaagct cagaaggaaa agggatagca 55200
 gcgagaacaa ccttgccctgc ttacacatt agctgatgta tcacccaaaa tgaaaccaat 55260
 agccaagtta aaatatctga acaagtttga aatattccat gtcttgcca tttcccttca 55320
 ggtcagcctc agccttgctg ggtattttcc catctatgtc ttgaccctgc tttgcttggg 55380
 ggaaagtggg caggggtggg ggtgagtggg gaagaaccag gtcatttggg tatctggttg 55440
 tccatcatcc agtggattgc tgagaaaatc agtaagatga tgtcaggtgt gatcagtgat 55500
 attgaatatt tactctggca aatatgtcac caattcgtgc aaaactacag atacttgcac 55560
 atgcatatgt tgcatactat gatccacctg ctataatttg ttcataattc ttttttacct 55620
 ccttcagtta ataaactgtg ttatttttaga aacaactgac tcatactgct tataactatt 55680
 actgctacct ctattgctgc ttttaggaca ttgacttttt caaagactct tttcatgtct 55740
 tagaatattt taaactgtag tcagcactat ttcacagaac tttctgtgct gatggaaatg 55800
 ggctatagtt gtgctgtcta atatagtagt cgctagtcat atacatggct ctttagcact 55860
 tgctgtgcgg atagtgcagt tgagggcctg gatgttaaat tttattttaa tttagttagt 55920
 ttaaatttaa ataaccatat gtggctcctc gctaccgtat tagacataca tagtatatgt 55980
 tgctataact ttttttccct gtatttaattg aaaaaattta taattttaat gtaattttaa 56040
 actaccagaa atgttacaag agtaacacaa tgaacttcca tatgcccttt atccagattc 56100
 ccaaattggt atttttccac atttgcttta tctttctacc tacatttttt aatgaacat 56160
 ttgagaataa gtttcagaca tgatgtcctt ttgtcctaaa tataatacag ctgtgagtat 56220
 tttctaagac caaggacatt cttttatgta accatagtac agtaatcaaa atcaggaaat 56280
 caacagtgat acaatgctag tatgaaacc agtgggtctc aaagtgtgac ccgagaccag 56340
 tatcatcagc atcacttggg aacttgctag aaatacaaat tctttgcctc taccagacc 56400
 agctgcattg aatcagaaat tctgggggtg ggggttctggc aatctgtgtt ttgacaagcc 56460
 tgccaaatga gcccaaagca tactgaattt cgagaatcac ccatctaatt cacagtctat 56520
 attgtctgaa ttacattctt agaagggaca gttctataag atttttgttg ttgttgacga 56580
 ggatctcatc cggaatcatc tgtgttgatt tttaaatgat ggggtggttt agtgggctga 56640
 gctgctctcc cgggaggggc tgttgccatg gtgatggctg ctggcagtg ttagagacag 56700
 ctgtggggcc gcctgggctc tgtgtgccac tgagctggca ggttgccact tccctggact 56760
 cctgaggagt gacttgacac gattgctccg ttcttggtta cagagatatt tctcatcatc 56820
 agacccaaat ttactcttaa ctggcacagg gctgggtgta tcctttttat taaggtaaaa 56880
 taatagtata ggaaatggca ggtgaccaa attgcacctc atagaaaaat gctatcacta 56940
 ccattgaaat ggcttatctc tttatctcca ggttccctct tctgtaattt aatttggggc 57000
 ctttcaagac tgaaatatat aaatgcatta gtgaggcttc tgcactact acctaaccct 57060
 ttggacacat acatcagatt atgagtgtaa aacagcagac aactgaactc tcataatttc 57120
 tggccaagat ttaaccaa ctttgatggg gaatagtctc aaaactacca gaatggcaga 57180
 atatttcaaa tattggtgtc ttctattttc ctccatgtag gaaggaaatg gaactactgc 57240
 ccatcctcca cagtttcaca ctttttcatc tttgcttagg ccatatctc tgagaatgcc 57300
 ctctctcta gtccacatc ttcaaactct accctgactc ccaggcccag cttaaatgcc 57360
 acctctctc tcataatcaa agtttccaat aaacaagggt cctttcccat aaacaaagcc 57420
 tctcataaac tcgtggctag aaatcactcc ccaccccaat cccaatcccc tcaactctca 57480
 cagaatcttt atctctcatg gtacaaagca cagtttacat catatgagcc atgtcagatt 57540
 ctgagcatgt gggattgatc tttttctgat tcatttttct atcacatcgt ggaccacat 57600
 agtgaaccac aaagaagtta gcaactcaaga tatttttttg tgtattcttt acctcttggg 57660
 tccagctgcc tcccacctga tttctgtcaa acactaatgg taatgataaa atattgaatc 57720
 cttctacctg ttgtatatgt taaaagtatt ttgtcctacc ttactgtgct gatataccta 57780
 acaatgtgct gcaactggaga cctgtgagat actgcctgaa agtcttccat ttgggtgaag 57840
 acaaggcatc tccagaaacc taggcattaa attagtagac acactagaga atgggtgaga 57900
 tcacatatct tcaggagagg gtgggtgtag tggtgtgtgt ggagagaaca tatgataggg 57960

aaaaaggcag gaaatgttgg acttctctat tttctgcttg gtgacattaa cataggtaaa 58020
 taaaaatttt atcaatgtag tactagtctt caacattggc tgcattcttag aatcacctga 58080
 agagctatca aaaatcctga ggccctgaggg ccacctctgg aaagtctgat ttaattgatc 58140
 ctccgaaatg gccagggcat caggggtttt agagttctcc aggtgattct aaaatgcagc 58200
 cagggtcag aatggcaaaa taaataattt taaaaattca aaaggagaga atagttagt 58260
 tggaataga caaatagtca taaaggaaaa atttgtcatt attggtggag cactaagcaa 58320
 agatgagggc cagagctgag aacaagagag tctggccctg tagtgagtgt agttttatga 58380
 tcaagccatt tagcctgttg ctcttattca cgaaaattgc acaacttggt ctccttgctt 58440
 cccaggcaac cttctgatcc taatttagct ttccatatat gtctcctcta ataggaaaaa 58500
 atatgctggc taacctgaga tgagtccctt attgccttgg cagtttttagc tctcattgtg 58560
 tatgaatacg ttggcaatct ggattattta ttgatgcctt atgaacttga agttcacaat 58620
 ggcaattgta atcaagggac tttccaaaag ccattactga gccccagatc tgtgtcagat 58680
 acaattatag tcattgtgtg gcataacaga gataaatatga taatatttaa tgaattttca 58740
 ggtaggatta atgagtcatt tatatcagtt gctaaaatac aagggggagt gtggtatgtg 58800
 ttatgggaag ggtatgggta aagtgtctgt ggggtaatag gagagagaaa tgacttctga 58860
 ccatgggaac catgaagggg ctagcattct atttgagttc gcagtagggg aaagattagg 58920
 ccaagaagaa tagagcaagg acatttcagc taaatggaat gatgtgataa aaggctcaga 58980
 ggtagaaaag catgggatgt gatttaggaa cccagtactt cacctttaat tgtaatatgt 59040
 ttgcagttaa atacattccc taattttaac aacttatata atcatagtat aattatcaaa 59100
 actaggaaaa ttaatatatt actagttttc ccttttatgc ctttgggtcta ttctaggatc 59160
 caatccagga ttctacattg catttagttc tatttcttta gtctcctcta atctgtgaca 59220
 atttcccttt cctgccttgt tttttatgaa ttgacactt ttgatgggta actggcaagc 59280
 tattttgtag aatgtctctc agtttgggtt tgtctaattg tttatcacga ttagattgag 59340
 gttacatatt cttggcaaga ctactacaat agtagtattg tattcttctc agtacatcat 59400
 attaaggggt accagctgta tcttattact gatgatgtta actttgatca cttgggttaag 59460
 gttctgtcct gtggggtttt tcaactgtaa gttactattt tttccctttg aaattgataa 59520
 atatcctggg taagatagtt tgagagtttt ctattaataa tagcctgttt cttttcaaat 59580
 cttcactcat taatttttag ctctttcagt gaagttgcct gtggcgattc ttactctcta 59640
 ttctttacct aattgtgatt atatatcttt ctcatcttt ctgtatttac taattgggat 59700
 tccactgtaa ggaagagctg ctgcttctcc tccatccatg tattttttca gttatttatt 59760
 tatattagta tgaactcatg gatttttaaaa tattatatgg gttacacca gtaccgtcac 59820
 tgtttatttt gttgctcaaa ttgttccaa tttggctaatt ggggttcctt cagattgggt 59880
 cctgtgtcct tttaacatgc ccctatcctt ttttgaggag aagtaaattc ttgcttatta 59940
 attccatttt acagatgaag aaacaggacc ccagaaaagt gagtgatttt ctgactgtta 60000
 aatccagggc agaactagga ccaggggtat tgggatagat gctccttttc ttggcttatt 60060
 ctcaattatt ttcagtgtct ttatccatct ctatttctat aatacatata catattcaca 60120
 taaactattt gtacacaaat gcaaatttta atgtgatgat atgattattt tctctcaatg 60180
 gaagactaga taagggttta aatagtggga agtgtgtaga ctttggcatc ttctattcaa 60240
 atctttgtcc atttccctca gcaaattatt tcatttctct gaccctgttt tcttaagaga 60300
 gtataacata tattttgttt ttatagggat ttgaaataat gaatgttgaa aaagtgacta 60360
 tcagagcttt tctcctagta gattttcaat aatgaaagt attataattg ttcgttattt 60420
 cactgttact cccccctt tctcctctcc ggctgttttc tagaagtaaa gctagttttt 60480
 acctctgaga ttttgtctgt cagccttttag tatgaggatt catgccaaaa ggaagaaata 60540
 tgcaaatctt tttttttttt tttttttttt tttgagacag agtctcacct cattgccagg 60600
 ctggagtgca atgaatggca caatctcagc tcaactgcaac ggcgcgtgcc accacgcca 60720
 caattctcct gcctcagcct cccgggtagc tgtgactact gttgactact gttggccagg atgttctcca 60780
 gctaattttt gtatttttag tagagatggg gtttctccat gttggccagg atgttctcca 60840
 tctcctgacc ttgtgatccg cccacgtcag cctcccaaag tgctgggatg acaggcgtga 60900
 gccaccgtgc cggccgcaa attcttaacc actaataggc ctgctagtaa ctttgaggca 60960
 agtactttcc gaactgattg tactataaaa cggaacattt gaaatttctt catatgtttc 61020
 ttttttatgc aaaagtattt aaacaaacca agtaagcggg ttgagttttg caatcctgaa 61080
 tctctagtgc gtgtcaatag actattagaa gttaaatttg caatgacgtg cagccaccag 61140
 gcttactagt tctcagaggg tcttctgtaga acttcatatt ggggtgtgtg tgtctagtat 61200
 tagaaacaaa tctttttctg tgcttcagaa caactgctta tagtcctgaa gcctgttttg 61260
 gaccaccacc cccagaatt gggtattttat agatgaggaa caccctgga atttgaccat 61320
 tgtgacattg attggtgatc atccttctta ctgtgaactc aaatcaggca tccacacatt 61380
 ggggctgtcc acacctcagg actgtcttca gtggtttgca ttgctgggat tgctgctgat 61440

E!
 Cmt.

tgaaggaact aagcattggt ttcagagtgg tgggtcccat cggggccctc tgatttttct 61440
gggcagctcc atctaggagt aggtaggcct ccttgaattt atcctgtgtc aattctatgg 61500
gtctagattt tgtccagttg gggaaggctg taaataatac gagtgtctaa tgtttttata 61560
tacctaact gatccatttg tgatttttat aagtatcaaa attaaagtca tttgggttgt 61620
tccatttact ttctttctta aactatgaaa ttttttgacc ttttaatgaa aaacaataaa 61680
aaataagacc actgattttt acctaaaatt gttaaactca acaattgaaa agcaagacta 61740
gtttcattga aaagaaatgc actaatgcac taatagaaag caatctgcaa acccagtaga 61800
gtttatgaca tttggggtaa ggcttttagct gtcatatgaa tttatataaa tacaagtgtt 61860
taaaaataga atcacactaa tttatttcaa atgggttttt tttaaaaaac cctgtgcttt 61920
atagataaaa gcattatttc acattatttc atatcaccta agaataagt ctgccatttc 61980
ttattcatct acatttacct cagcaaaaag aacactatct ctaaaagaat ttgaaaaaaa 62040
tactaactaa actcaagatg ttcattttata ttattagaaa tgaaaatcat aatactgcat 62100
ggcattcttc agtacctatt tagaagctgg tttttttctt gtttttgctt taagagcata 62160
atgtggcttg acatttcccc caggttttat gcagtctctt aaagtgcact tccaaaattc 62220
taggaaaatg tccttgggtt gtacaatata atgacaaagg atctctccc tcaactgcctt 62280
tacctccatt tattgggtatt ctcttaagta atgaaacaga gtttcaaaaa catgtttattg 62340
taaaatgact cttattcagc cctgcctttc tcaagtacat cttttgcctt tggagttgtt 62400
caaatttttag acaaaatggt tccactgaca ggctaaatat taagtacatg gcctgtttat 62460
attattgcct agcatcatgc ctcaaagttt gtcccatgga ccacctgtcc tagagtacag 62520
aaggatgctt gttgaaaata cagattcctt gggctctatgt ggatttactg agttggagtt 62580
attgttgcta atgtctaggg atatgcattt taaacaagca acttggaga ttctgatgta 62640
taaaatttga ggtccactgg aaggatgctt atttaatgga gatatggtag gctatgaaga 62700
acagatttta aatgtcaat ccagtgaatt aataaggga gctttttcat tattttattt 62760
tgttttattt tgcgatggag tcttgcctca ttgccagtc ttgagggcag tgatgggatc 62820
ttggctcact gtaacctctg cctcctaggt tcaagtgatc ctctacttc agcctcccg 62880
gtagctggga ttacaggcat gtgccaccac gcctggctaa tttttgtgtt tttagtagag 62940
acggggtttc atcatgttg ccaggtggt ctcgaactcc tgacctcaag tgatctgcct 63000
gccttggcct ccgaagtgt gggattacgg gcatgagcca ctgcaccaa tctgcattta 63060
ctgagtcaga gttattgatg ataataataa tgatagtga tgataatagg gatatgcatt 63120
ttaacaagc aacttgaag attttgatgc ataataattg aggtccactg gaagaatgct 63180
tatttaag agatattgga ggggtgtgaag gaagagcatt ttaagttgtc agtccagcga 63240
attaataacg gaagcttttt catttttaaa taaaaagcag gacagaataa tttttgaagt 63300
tccttttagc cttaaacatt gcaggggttt tttgtttttt gtttttgatt taaattcagg 63360
cttctgagaa tgcctctctt ttgtctttta aggttgaag tgctttgatt gccaatgtta 63420
atacaaggat taatttttaa aatcaaatcc ttttaggatt taaaatttga taataacaat 63480
caaagggtgg gttagaaca ctgaatttgg gttgttcttc atttctttta agcctcgaca 63540
tttcaaaggc aatctgtcat tggctaactg ggatggtgaa aggaggagat actattaatc 63600
catcaaatgt tacagtttgg gttacagatt ttcaaacct tagaagttaa catcaagtct 63660
tttattgcaa ccttcaagag ataactcttag tgaaggaaaa cattttttga tagctgtata 63720
gacttagggc aatattaatt ttgggtcagt taaagtcaat acatttttca tgaaagttat 63780
tttagcaata aaagtcaacta ttaaatatct ctcaaggaca aagttaagaa aacagaatat 63840
acttacagat attgtaataa gaatttctta gaccaacgca ttacatttca tcaaaaacat 63900
tagcttttta ctttaaagac agcttagaga aagaaagtaa tgcttttcat attgctgagt 63960
taaaatcaga ctaaaaactg tatttctttg ttgtgtcaaa tcataatttg ttgtgtctaa 64020
atctttgagt gacttgtcta tcataattaa atccttagaa aaaatcagag gtttttgttt 64080
attttttgtg ttttttgaga ttgggggtttc attctgtcac caggctggag tgcagtgggtg 64140
caatcatagc tcaactgcagc ctcaatctcc tggactcaaa cgctcttccc gctccacgct 64200
cgcaagcagc tgagaatata ggcatgacac caggctgggc taatttttaa attgtttttt 64260
agagatggga tcttgcctatg ttgcccaggc tgggttcaag ctctggcat taagtgatca 64320
tctacctca gccacctgaa ttactgggat tacagatgtg agtgattgca tctggctgtg 64380
tttattaaag aacacagtaa atgcaaaaca aatagttttt cttgaggata aacatgtaaa 64440
atggaaatag gaagaataac ttaagaagca caagacacag atcttggatt aatttaattct 64500
ttcagtgttc tctcttctctg ttgatttcac atagcccttg cttaatgcta aaaacagata 64560
tctttcttct ttttaaagtt ctaccagaa ggcaatgggg agtttggcta tttccttttg 64620
acatttcaact ttgaggcctg ttattgaagg cccttttctg gtttttctt caatagtcta 64680
aatatatatt tatttaatta caggaaatca ggcacttaat atcaatgcag gaaacagaca 64740
taaaactttt acccacctct gttgttctgc atctctcctt ccacttgaaa gattgtaagc 64800

aggtgattgt cagaccaaca ataatgtca ctgagagagc atgcatccat atggcaagggt 64860
 aaccagaaaa acataattat gctcattcac aaaaaataaa gaagttgata taaaatgtat 64920
 agaatttaaat atttctttta cacagtttaa aaatgacaat aggatgtgaa aagcagcatt 64980
 gcagtttggg gataaattcc tgaaggaat gctattttta tgcacaaatg tctccaaatt 65040
 ttagtattat aactgttaaa ataaaaactt taaataaatt aaattttacca aagttttatt 65100
 gagcacacac aaaaaaaatt tcttgaattg ggcaaaactc agaactagaa ggagttcggg 65160
 gagctctttc tgcccagcaa cctgagcaat gagcttttat aggatggaca caaaagcaaa 65220
 ccagagaaat cttttgatta gctatagcta ggcatttgcc ttatttgggc atggtgtgat 65280
 gatttggctg cctgtgattg gctgaaactc agctatttct tctgtgtatt ggtttgttta 65340
 cactactacgt taggggtgag tttgctgcac aggaatgcaa ggtatggagg cagcttcagg 65400
 ccaaatttta gttaatttaa caatttctcc ctattagtca gtctctcaaa attgggcatt 65460
 gatgccactc tgtcaccatc gtcattggact tttttggtct tggatgaaa tacataattc 65520
 atggcatcag gctagtgtga tgattcctta tgttctcttt gtgtttttgt tgttttaaca 65580
 gtagtgagac cttttgatgt acaacagatg gctgtatatg agcatttaag acacttgaga 65640
 gaatatagaa caccaggagg actattgtga tggttatcag gaggataata ctaagagagt 65700
 gaagtgtatt ccttaacaga ggccaccatg aacaaaaaca attataataa aatgaatcaa 65760
 aaaaatgagc cagaagagga atctacttgt ttttaaccaag taacttgttt gtttactttt 65820
 taaaactgag tttctaccgt atcagacata tttatgaaag ggcagcatga gatgttagcc 65880
 actgcataca tttcccatg ttcacagagt agtccaaaac agtctaaaac aatgttagca 65940
 agagaattta taaaggattc tgggcaacga tagcctttgc aatagagtca gctatagtag 66000
 ctaatatattg agacagattt ctaataataa ctctatatac atttatgcca agccaaagaa 66060
 gaaccattct acaaaagatg cccattttaga gtgatttaag cctgccggaa agttcctctt 66120
 tattattttt gtttttaaat atggaacgct tcatgaattt ccgtgtcatc cttgcacaga 66180
 ggccatttct acctcctctg tatcattcca atttttagtat atgtgctgcc aaagcaagca 66240
 caatttctcg ttaatccatg gcacaaatta agagatacag aacaatgttc agtttccagt 66300
 tgcttatgaa gtgacagtgg tactgttaga atctctaata cacattgggtc ccttattttt 66360
 cacttgagac aaggagtgtc ccacacatat ggttgatcat taaatcctcc acagataaaa 66420
 atatactctg gaggggcaca agagacagtt ccttgtgtga tactttgtgt gttagaaatc 66480
 accagttggg aagcatttgt aatatttata caagggtcca ttattgaatc attgtatggt 66540
 agattacttc ttaccaataa gaagggatta ggggtataaa gttgtctaca aactgtcaac 66600
 ttatctttct tttggttttc ttagtttctg gcataattta gctgcaaaac cctcaatata 66660
 ggtttttcct actattagat ttaaacaaga gtctgaatat atgaatctaa aaaccaatc 66720
 atgtggaaaag aaccagatgt gcaatttttt ttttgagaca gagtctcgct ctgtctgtca 66780
 ggctggagtg tgggtggcat atctcagctc agtgcaatct ccgcctctc agctcaagca 66840
 attctcctgc ctctgagtag ctaggattac aggcgtgtgc caccacgctt ggctaatttt 66900
 tgtattttta gtagagatgg ggtttcacca tgttggccag gttgttctcg aactcctgac 66960
 caccgcctc tgccctccaa agtgctggga ttacaggcgt gagccactgc gcttagccca 67020
 gatgtgcaat ttgaacaaat agtcaccctt ggaatattag tgaaatttgt tacatggtga 67080
 actagaatat ctctaagatc atatagggat tcaggtttaa catgacatag tcaacattca 67140
 gtctagttcc ctgcaaaagc tatcaattat gaaatcttaa ttatcacatt atcttgccat 67200
 atataaacag aaaagaaaac aaagaggaaa gggaaacaaag atttcatagt gacagaggag 67260
 aacagtcttg acctgtgatc ttgggaaagc tgtccacatc taggatgcca tttgcttctg 67320
 gagaaaagct tccctagtca gctttacctt gagatctcca gtggatttac tgtcccaaga 67380
 gtctggaggg gctctcttga gttgagatat agggatccaa ggcttgaggc cctgaaattt 67440
 tgcagttagt tgggtggtgg gaagaacttg gtatgatctt tttcagttag gctcaagggt 67500
 agtctttctc tgggtgttgc tccaaaagac ccattcagtg ggttcttagat catgaaagat 67560
 ctagttgtca tcagctggtg ggtcacaaag ggttctttt aactggtaaa aatatacttt 67620
 agcataatgc attaaaatct ttcaatatta agtcatgtca gaacttataa aagtgtgaga 67680
 ttcatgaggt gctattatta gggccatata ccttccggtg actattttat aaggggtcaa 67740
 tctgtgtttt ccaagggggg tggatctgac tgccatcaat cagtaatacc tttgaacaag 67800
 gcaatacagt caattcagtt agctttgcct aataccattg tgtttgtaat aacttattta 67860
 actgctttat aacttgtcca gtgaaatgag cgcctctacc actggaaatt tctccaggag 67920
 tattccataa agcaaacaca tttcatgata accttttagc tactgttata tcagcaacct 67980
 tctgcatga cgggaaagct tctgtacatc cagaaactat tcattgaagg taggaattga 68040
 gtgatgtcca tctgtaagta ttcaaagat ccagcaggtg ctggaaatgt atcatctgag 68100
 tgttttattg tcttgtcaaa attatgggtt tgacaaacca gacagtgggt ataaaccatt 68160
 ttaggaattt tagaacagac agcctgccag tattttttta aataattggg attattttct 68220

E'
 unX.

ctctcctgtg atgaggttaag gagtacagag cttctaataa tttaaagcttt aaggactcag 68280
gaaggaccaaa gcaactgtcc aagccctcca ttagcccaca cttaacattg aatttacatc 68340
cttttaataa ccagttgatt tctccaattc aggcacacag cattgtttat gaaatagttc 68400
atcataggta atttgacttg gatcaatctt atggagctca ttcaaattgt atatcttaac 68460
aatttcagta ctggctgact tagtatgaaa acctgccaaa gcatttcctt agcaaccaat 68520
taattggtgt tctgcttgat gtgggggttag tgggttttatg aaccaatcaa tttattcatt 68580
agcattctag aaattcttat ctaatctaatt tgtgtgaacc taaggttatc agaaacctat 68640
gttgtcagag ttctttccat gaatcccctc aaagttgaaa aatttaggtt tatagttgtt 68700
ttcaatagct ttcaggaaaa taccaaagta aaacaattaa ctgtctgtgg atggcaagac 68760
tttaaattgat aatgggttaaa tgtctgatga aaattaatta taatgcaatt gacaagaaaa 68820
ttttgtttcc ttttctgtat atacagtatt ttttaaaaat taaaattacg agtgatagta 68880
atatgtcaag actatcaagt ttctgggaat ttcatataat ttctggaaaa catattaata 68940
acatactcat gcaatataac tttaaagatgg ttcagcaaca cttattattt gacaattgctt 69000
cccatgcaat ttaacacatc aaataagcct aattagttta acatctctct tttttataag 69060
aagagaggaa aaaattcctt tgagaaattc cagaagtcag tttggaaact tccaaagttg 69120
gtttgaggtc gaaaggcctt aatttaattgc ttgattttga gaagtgggta aaaaatgtca 69180
aagggtttaa aataattaaa ataggatcag aggtcactgg caacagtagt catttaagca 69240
gagtgataat taaaatactt caaagaaagt tacataatta tagaaaaacc ttagcttttt 69300
aaatagagag aactgttttc ttgagtgatc aaaagactta taaagaccac acgaagcaca 69360
ggaaattgtc tttttaaaaa aattgacata tttttgttat agagggtaca tctgtaggtt 69420
tgttacatgg gtatattgca cccaggtagt gaacatagta cccaataggt agtttttcaa 69480
ctcacatccc ccttcctccc tcccctatct agtagttggc agtgtctgtt gttcctctgt 69540
ttatatccat gtgtgctcaa tgtttagctc ccacttataa catgtgatat ttgggtttct 69600
gttcctgtat tggtttgctt aggtattatgg cctccagctt catccatgtt gctgtagagg 69660
acatgatttc attccgtttt tatggctgtg gagtattccg tgggtgtatat gtatcatatt 69720
ttctttatcc aatcaatgat tgggtggcac ctaagctgat tccatgtctt tgctgttgtg 69780
aatagtgtgg tgatgaacat tatgcatgca tatgtctttt tggtagaatg atctattttc 69840
ctttgggtat attcacagta atgagattgc tgagttgaat aatagctctg ttttgagttc 69900
tttgaggaat ctctaaactg ctttccacag tggctgaact aatttacatt cccatcaaca 69960
ctgggtaagc attcactttt ctccacagcc ttgccattat ctggtgtttt ttgacttttt 70020
attttaattt aatttaattt aattttattt tattattatt gttatacttt aagttttagg 70080
gtacatgtgc acaatgtgca gggtagttac atatgtatac atgtaccatg ctgggtatgt 70140
gtacccatta actcgtcatt tagcattagg tatatctcct aatgctatcc ctccccctc 70200
ccccacccc acaacgggtc ccagaatgtg atgttcccct ttctgtgtcc atgtgttctc 70260
attgttcaat tcccacctat gagtgagaac atgctgggtt tgggtgtttg tcttgcgat 70320
agtttactga gaagatgggt tccaatttca tccatgtccc taaaaaggac atgaactcat 70380
cattttttat ggctgcatag tattcccag gtgtatatgt gccacatttt cttaatccag 70440
tctatcattg ttggacattt gggttggttc caagtctttg ctattgtgaa tagggctgca 70500
ataaacatac gtgtgcatgt gtctttatag cagcatgatt tatagtcctt tgggtatata 70560
cccagtaatg ggatggctgg gtcaaagtct atttctagtt ctagatccct gaggaatcac 70620
cacactgact tccacaatgg ttgaactagt ttacagtccc accaacagtg taaaagtgtt 70680
cctattttct cacatcctct ccagcacctg ttgtttcctg actttttaat gattgccatt 70740
ctaactgggt tgagatggta tctcattgtg gttttgattt gcattttctt aatggccagt 70800
gatgatgagc attttttcat gtgtcttttg gctgcataaa tgtcttctt tgagaagtgt 70860
ctgttcatat cctttgccc ctttttgatg ggggtgtttt ttttttctt gtaaatcgtg 70920
aaggacctct ccaaggagaa ctgcaaacca ctgctcaatg aaataaaaaga ggacacaaac 70980
aaatgggaaga acattccatg ctcatgggta ggaagaatca atatcgtgaa aatggccata 71040
ctgcccagg taatttatag attcaatgcc atccccatca agctaccaat gactttcttc 71100
acagaattgg aaaaaactac tttaaagtcc atatggaacc aaaaaagagc ccgcatcgcc 71160
aagtcaatcc taagccaaaa gaacaaagct ggaggcatca cgctacctga cttcaaaacta 71220
tactacaagg ctacagtaac caaaacagca tggtagtggt accaaaacag atatagacca 71280
atggaacaga acagagccct cagaaataat accacacatc tacaaccatc tgatttttga 71340
caaacctgac taaaacaaga aatggggaaa ggattcccta tttaatgaat ggtgttgagg 71400
aaactggcta gccatatgta gaaagctgaa actggatccc ttccttacac cttatacaaa 71460
aattaattca aggtggattt aagacttaaa cgtagacctt aaaaccataa aaaccctaga 71520
agaaaaccta ggcattacaa ttcaggacat aggcattggc aaggacttca tgtctaaaac 71580
acaaaaagca atggcgacaa aagccaaaat tgacaaatgc tatctaattg aactaaagag 71640

E1
conf.

E1
unk.

tttctgcaca	gcaaaagaaa	ctgccatcaa	agtgaacag	caacctacaa	aattggagaa	71700
aattttcaca	acctactcat	ctgttttttg	acttttttaa	aatggccatt	ctgactggta	71760
tgagatggta	actcattatg	gttttgattt	gcattttctt	gatgattagt	gatgatgagc	71820
attttttcat	atgtttcttg	gccacttgta	tatctttctt	tgaggagtgc	ctgttcatgt	71880
cctttgcccc	cttttttttt	tttttttttag	atggagtctc	actctgttgc	ccaggctgga	71940
gtgtagtggc	gcaatctccg	ctcactgaaa	cctctgcctc	ctgggttcaa	gcgattttcc	72000
tgcctcagcc	tcctgagtag	ctgggattac	aggtgcgcac	caccacaccc	agctaatttt	72060
tgtatttttc	atagagatga	ggtttcacca	tgttggtcag	gctgatctct	aactcctgac	72120
ctttgcctac	ttttaaatgt	tttttttttt	cttccttggt	gatttaactt	ccttatagat	72180
tctggatatt	aaacgtttgt	tggatgcata	attagtcaat	attttattcc	attctgtaca	72240
tcatttggtt	actctgttga	tagtttcttt	ggctgtgcag	atgctctttc	atttaattag	72300
gtcccacttg	ttttgtttta	gttgcaactg	cttttgagaa	cttagccaga	aattccttgc	72360
caagaccaat	gtcaagaagg	gcatttctta	ggtttcttct	agaattttta	tagttttagt	72420
atttacatta	aaatccttga	tcaatcctga	gttaattttt	gtatgtggta	aaaggtaagg	72480
gtccagtttc	agtcttctgc	atatggccag	ccagttatct	caggaccatt	tattgaaaag	72540
agatcctttc	tccattcctt	gtttttgttg	gcctagtcag	agatcagacg	gttgtgtgtg	72600
gctttatttc	tgagttttct	attctgtagc	tactgggtta	tgggtctggt	cttgtagtag	72660
tatcatgctt	tttgtttacg	atagccttat	aatacagttt	gaagtcaggt	agtgtgatgc	72720
ctccagcttt	gttcttttcc	ttaggattgc	tttggctatt	caggctcttt	tttggttcca	72780
tatgaatggt	agagtagttt	tttctaattc	tgtgaagaat	gatgctggta	gtttgatagg	72840
aatagtgttg	aatctgtaga	ttgcttaggg	cagtatggct	attttaacag	tattgattct	72900
tccaatccat	aagtatggaa	tgttttttcc	atttattagt	gtcatcactg	atttctttca	72960
gcaatgtttt	atatttctcc	ttgtagagat	ctttcacctc	tatgggttagc	tgtattcctg	73020
ggcatttcat	tttcttttgt	gctattttta	atgggattgt	gttcttgatt	tgactctcag	73080
cctggacatt	attggcttat	agaaatgcta	ttgatttttg	tacattgatt	ttgtatcctg	73140
aaaccttact	aaaattgttt	atcacttcta	atagtctttt	ggtggagtct	ttaggggtgt	73200
ttaggaatag	aatcatactg	tcagcaaaaga	gagatagctg	acttcgtttt	ggatgccttt	73260
tatttctttc	tcttgcccag	ttgctctggc	taggacttcc	agtagtatgt	tgaatgggag	73320
tggtaaagat	gggcaccctc	atcttgttcc	agttctcaaa	gagaatgggt	ccagtttttg	73380
ccattcagta	tgatgttggc	tgagaattct	tcatagatgg	ctcttattat	tttgaggtag	73440
gttcctttta	tgctgggtct	gttgagggtt	tttatcatgg	atgttggtt	ttcttaaaag	73500
ctttttctgc	atttatttaag	atgatcatat	ggttttcgct	tttaattttg	tttatgtggg	73560
gggtgaatca	catttattga	tttgtgtatg	tttaagccaac	cttgcacccc	aaaaataagg	73620
cctacttggg	ccaggcatga	tggctcatgc	ctgtaatccc	agcactttgg	gaggctgagg	73680
tgggcagatc	acgaggtcag	gagttgcagc	tagtctggcc	aacatgggtg	aatcccgctc	73740
ctactaaaaa	tataaaaaat	tagctgggtg	ctactcagga	ggctgaggca	ggataatcgt	73800
gtgaacctgg	gaggccaagg	ttgcaatgag	ctgagatcat	gccattgcac	tccagcacaa	73860
gtgacactgc	aagactctat	ctctaaataa	ataaattaat	taagcctact	tgatttttggc	73920
atattaactt	tttgctgtgc	tactggattc	agtttgctat	gtttttattga	ggattttttgc	73980
atcaatgttc	atcatggata	ttggcctgaa	gttctccttt	ttcgttgcat	ctttgccaga	74040
ttttgggtatt	aggcagttgc	tggcttcata	gagtgaatta	gggaggagcc	cctcctcctt	74100
gatttttttg	aatagtttta	gtaggattgg	tactagtctt	ttttgtacaa	ctggtagaat	74160
tcagctgtga	atccatctgg	tgccagactt	tttttggttg	gtaggtttta	ttattattat	74220
tattgcagag	ctcagtattg	gtctattcag	agttttaatc	tcttcctgat	tcagtcttgg	74280
gagattgtgt	gtttccagga	atttatgtgt	ttcctctaga	ttttctattt	tgtgtgtgta	74340
agttggctgt	agtattctct	gaggatcttt	tgtatttcta	tgggattggg	tgtaatatca	74400
tctttgtcat	ttctgattat	gcttatttgg	atctcttttt	tgttggtta	ctagctagag	74460
gtctaccaat	cttggtttatt	ttttataaga	accaactctt	ggtgtcactg	accttttgta	74520
tagatttttg	catctgagtt	tcattcagtt	cttctcta	ttcagttatt	gtttttcttc	74580
tgctagcttt	agggttgggt	tgttcttttt	tcctagtctc	tttacgtcca	aagttaaata	74640
gttaatttga	gctcttttcta	acttcttgat	gaaggatttt	agtactataa	actttcctct	74700
taacatgttg	agctacaccc	tggagatttt	ggtagtttgt	gtctctattt	tcattaattt	74760
caaagaattg	tttgatttct	gccttaattt	tgttggttaac	ccagaagtta	ttcaggagca	74820
agttgtttta	tttccatgta	actgtgtagt	tttgagaggt	cttcttgata	ttgattttata	74880
tttttatgca	ctgtgggtctg	agagtatgct	tggtagtatt	tcaagttttt	gaattttattg	74940
agacttgctt	tatgaccaag	catgagttcg	atcttagaat	atgttcatgt	ggagaagaga	75000
agcatatata	ttctgtgggt	gttggatgga	gtgttctata	aatgtttatt	atgtccagtg	75060

E!
Conf.

ggtgaagtgt	taagtcacaca	gtttctttgt	tagttttctg	ccttgatggt	atgtctaattg	75120
ctgtcagtg	ggtactgaag	cctcactgta	ttactatgtg	tttgtctaag	tcttttcata	75180
ggccaagaag	aacttgtttt	atgaatctgg	atactatagt	actaggtgca	tatatgtttg	75240
gtatagttaa	gccttcttgt	tcaattaaac	ctttatcatt	atgtaatgtc	cttctgtgtt	75300
ctccttaatt	tttgttggtt	taaaatctgg	gttattttat	atgggaatag	tgactcctgc	75360
tcttttttgt	ttttttgttt	ggatagtga	tctttctcca	tccctttact	ttgagcccg	75420
gtgtaccatt	acatgttaga	tgggtgttag	cttgccactc	ttttgctttt	atatgggatg	75480
tttagctcat	ttacattcag	ggttattatt	aatatgtgag	atattgatcc	tgtcatcatg	75540
ttgttagccg	gttgttatgt	agagttaaga	ttgctttgca	gtgctgtgg	gctatgtgcc	75600
tatgtgtgtt	tttgtggtag	caggtgccat	tctttcaatt	ccacatttag	cactccctta	75660
aggaccactc	gtgaggtgg	tctagttaaa	atgaattccc	tcagcatctg	cttttctgag	75720
aagggtttta	tttctccttc	acttatgaat	ctttgtttga	tgagatatga	aattccttgg	75780
tgaaatttct	tttatttaag	agtgtgaaa	atagtacccc	aatctcttct	ggcttgtaag	75840
gtttccgctg	agaggtttgc	tgctagcctg	atgggtttcc	ctctgtgcat	gaattgactt	75900
ttctctcttc	ctttaagatt	ttttctttta	ccttgacctt	ggtgaatctg	atgactatgt	75960
gccttgggga	tggttgactt	atatggtgtc	taaccaagg	tctctgtatt	tattcgtttt	76020
gcatgtcatc	ctcttttagca	acattaggga	aattttcatg	gactatatcc	tcaaataat	76080
tatctgagtt	gtttattctc	tctctctcag	gaataccatt	gagtcataga	tttgggtctct	76140
ttatataatc	ctatatattat	cagaagtttt	attcattttt	aaaaattatt	tttctttatt	76200
tttgtccaac	tgagttgatt	cgaagaactg	gtctttgagc	tctgagattc	tttctcagc	76260
tttgatcctt	ctgttaatac	ttttgattat	attatgaaat	tcttgtagtc	aatttttcag	76320
ctctagaagc	tcaatttgg	tcttttttaa	atggctattt	catctttcag	ctcttagatc	76380
attttactaa	ttccttggaa	tccttgggtt	gggtttcaac	tctctcctga	atctccatga	76440
gattccttgt	catccagagt	ccacattcta	tgtctgtcat	ttcagtcact	tttgattggt	76500
taaaaacccat	tgctggggag	ctagtggact	tgtttggagg	taagggta	ctctggcttt	76560
ttgcattgcc	agaactcttg	agttggttct	ttctcatctg	agaagggttg	cgttccttta	76620
attgtggtgt	aaattgagta	tagttagttg	gcttcatttc	tggatgtttt	cagagggcca	76680
atgctctatg	cagcttcttt	atttgtggct	gaattcttac	ccttggcttt	ataggggggt	76740
atattagcaa	agtatttttg	ttgtttagt	ttgggtgca	atccagtaga	tgaagcttaa	76800
gcgtatttgc	tggtagaggc	tcttactctg	ctgcatggct	cctttgtatt	tcttgccact	76860
tgcaagcttg	ctctgtggtg	cagtggcaag	agaggtgacc	ccttactg	atttactcct	76920
gggccttggg	ggaactcctt	ccaatcactg	gcactgtacc	tgcatttctt	ttgttagatg	76980
tttgggctgc	agggttccct	cagtcagagg	ctgaagtagg	gagatagacc	ataccttttc	77040
agtctggctc	tgtggagaaa	ggcatgccta	ttcctgctgc	ggcccatgaa	cccacgtgac	77100
tcaaccctct	tagtgctctg	agaatgtggg	ctccattccc	actcaagtgc	cttagtactc	77160
ctaggctatg	cactgcagcc	ctggggagag	atcagggttt	ttgttccttc	cccaccttgg	77220
gggcagcaga	ggtggggctg	cagtggcagc	aatggcatac	agcctgccag	ttacctcagg	77280
gggtgccacc	ccaaagaaat	gcatagctat	ggctaatttg	agtgatcagc	tagggatggg	77340
gcagctgtgc	tgtggggcca	agcttggaag	taggtggggt	gggggctctg	cctaggggaag	77400
acaaaagaag	atagtttggc	ctcttctcca	taggatggct	gtggtgtgct	ataggcctgc	77460
aacaacaatc	aggctgtttg	ttccctttct	agcctgggtg	ttgggggtga	tgggtgggta	77520
ctatggtggt	ggcagtgaca	gagggcctgt	cagttgtctc	tggaagctcc	acccagaga	77580
aatgcagaac	caccactaac	tgatcaggtg	ggagtggcac	agctgctctg	ggggcctaag	77640
ctggaaggcc	gtgccaatc	aggagcagca	agttcagaga	gctgcatgga	aaacagtctg	77700
gctgccttac	tgtatggcag	ctgtggcatt	ctggaggcca	atgacagttc	ttagattctt	77760
tactctctcc	ccagcctgag	gacagcaggg	gcaggggctg	tagcagtggc	aattgcagca	77820
ggcttgtcag	ttgcctctgg	gagctccatc	ccagaggaaa	gaagagcaat	gaccagctgg	77880
aatgttcaga	ttgggggtgg	gtggctgtga	ttggaccttg	cctgatgagg	tacagtctgc	77940
agttcactct	ctcctcagca	ccgtgcgtgt	ggtacctatc	ctagaggtgc	acgagagagc	78000
ctgagctcct	ttgtttgtag	ggctatggca	gctggcacca	acgtgctcag	agatccaagg	78060
ctcatggagc	tcaatgtggg	cttcagtgg	agctctgcac	agactccaca	agctctctgt	78120
gtcgaatctg	aagcccagg	gagccggggg	cctctcctgt	gccaagatt	acaaagggtca	78180
tgacagacat	tggctccttg	ggactctcac	tcactccttc	atcctttcct	tgacagctgg	78240
agcctcctct	ggctctgcac	caatcctggg	tgggcagctg	tcctaccttg	ctcttctttg	78300
ctttctgtgg	gtcgtgtttg	cttctttgat	gaatcaaaac	atggcctcct	gtatgatcca	78360
cttgaagatc	tagtgtttac	ttgcagctct	gcctcttctc	catgagagca	gcatgcacta	78420
actgcttcta	gtcagtcatc	ttggcaagtc	agccatcatg	gcatttcttt	aactttctta	78480

attatcttga caaaatgcag aatatttcct tagccaatta cctaaaaggt aaaaacaaaa 78540
 caaacaaaaa aaaaaccttt tcacaatttc ctgttaaaa tagaccagta cctcaagaaa 78600
 aagttgtttt aacataaagg atgaaattct aatttccttt catagtgttt ttgatattaa 78660
 tgcttaattt ttagaaaaat ttataaatag cacgtctaata cttagctagc ttaatcacgt 78720
 ataaaaattt tttcccaagg tttcccttct acagactttt tgtattagtc cattctcaat 78780
 gaagaaatag ccaagactgg gtaatttata aaggaaaagag gtttaattga ctcacagttc 78840
 cacatggctg gggaagcccc aggaagctta taatcatgtt ggaaggcaaa ggagaagcag 78900
 gcacttcttc acagggcagc aggatggagt gagtgcagc aggggaaatg ctatagcttt 78960
 ataaaaccat cagatcttct gagactcact cactgtcatg agaacagcat gggggaacc 79020
 acccccatga tttgattatc tccacctggt cccgcccttg acatgtggag attatgggga 79080
 ttacaattca agatgagatt ttgggtgggg acacagctaa accatattac tttctaata 79140
 ccagtcagtt ttttcccca aatagttctt tctcattttg gatcaatcat tctgctctag 79200
 aacaaaaatt attctctttt tgttttaaca gaacaatata catcctcata acttatgctt 79260
 ttccttacca aaagcacatc ttacctatat tgtatacttg catataaagt tgttttctt 79320
 attatttcta gtaattttag ttacatatat taattagaat tcttagccct ttatgacctt 79380
 aatttctagt gaacactagg aagcaagcaa gtgtgaatat catgccagca gtctatagat 79440
 tggaaaacct gtgaattata attctaggag catatacttt tttataatac atttttttca 79500
 atgtggcaca gaacatttat taacagtccc aactgtcttt agtctctctg tagtaagaaa 79560
 ctgtgagga aacaaatttt tatttctatc ctgttagggc tttttttttt ttttccatc 79620
 ctctgtaaga atgttaaaag tttctggtat agaaaggaca tttttcacat ggaatttcta 79680
 tcttacctct atttgactct tgtttttaac aattatgctt gaaatgctca taaagatgag 79740
 acattaaata gctagccatc accttaagtt atttttcttg ctgacaagct atgtcacata 79800
 gagataacat gaacttattt tactaaataa acctagggga gaagagttgt gcatctgtat 79860
 tataactaat gccgacaact ctgaagggtat gcctgcatta atcaagccaa tatactttta 79920
 ttagctacta tttaccgaag attatccaag attatgtcaa cttgaaaaat attttagggt 79980
 tgtttctaag ggtttaagga atacctattt tatataagca cttatttttt tttaaaccaa 80040
 ttaaattagt ctcttttaca acttaatttt ggcaatacca taaagaaaaa gaaatatgtt 80100
 acacattcat aacatacata ctgacatata taaatataaa cataaaaaa gatctttag 80160
 tattcattta aaaattttag ccaggtgcca agtacaataa cacaaagctc actaatctgg 80220
 aagtgaattt ttttctggcc catggaacaa gattaccac ccagatggct aaagcttttg 80280
 actgatattt gtagaaaaga cttaagattt tttccattgg ccttctctaa ggaatctttt 80340
 aaagaggaaa tctttgatc atttcatatc ttagatatat aatacttctg tgtatccatt 80400
 aaagagtgtg tccattgtct tttgtggtat gttggatcct ttcttctcta atgtgcctca 80460
 caagtgacca attttatctg ggttaaaact tcaactgtgg cactgtaatt ctactgtgtc 80520
 cttagtaagg ttaacacatt ttaaaaaaat gcacaggttc tgggaccata attttgtac 80580
 atggagaaaa ttgtgcttat ttttggtgtt tttaaagcga tacattgggt tgacatacgt 80640
 cgtgcacatg taccctaaaa cttaaagtat aataataata aaataaaaaa aaaagaagct 80700
 agcaggtagc ttcactgata tttctttaag gcaaattttt cttttccttt ttctttatca 80760
 ttgtcttcat cctcttctct ctcttttctc tctcctctg aaggtattca ggaagaagat 80820
 ggcaacatgt aggcaatagt ctttctgcca ctggagatgt tttatcgtgt tcagagaaac 80880
 taaatgagat ataccagaat cctcgcatc tcaagtcctg cagttggccc tgcagaacct 80940
 tcatatatac aaaagccctt catatatgca gattttccatt cctgcaaata ttgtatttcc 81000
 aatatgtgtt tgggtgaaaa atatcagttt agaagctgat attataagct tgtaaactga 81060
 tatattaagc agacctacgc agttcaaacc catgttatc aagggccaac tgtatgttta 81120
 caggtcacct ttcactgaa ggactttcat gtctgtctaca caggatgtta taatgatcta 81180
 ttgtcagaaa tgttctttgc aacttacaga aacatgagag tacagcttgt atggctcaac 81240
 agaattctga taaactcaag gagtaaaaag agagaagaaa taaaggcagg tttgaagaat 81300
 gagaaagaaa tgatagtctt ttagacaagg agttaagtat tcaattcgcc atatttttga 81360
 attccaccaa gctttggaac actctccttg gccagaaaa actatcagga aaccgtactt 81420
 gagctaggct gctagtgaat gtttgctata cttttgattt gttacggccc tgtgtaggag 81480
 agaaaatgct aagcaaatat ttgcacattg cactgtaagg aaataaaaaa tgcattagaa 81540
 gtgaatcagt tgactcata ttgtttcatt agaagtaatt tcttttggat tgtctcattg 81600
 cctataaatg ttcttctttt gcatcttaac aacaactctg tcatgagtag tctatgacta 81660
 gcttattttt tccacttttg ctccccatga atatgataag gacctctccc actctttatg 81720
 gggcctgtgt tttgcatcct gcaaagacta aacacagtta acattgaatc catccttttc 81780
 ttttagaggaa catttctcaa attatctcta agttttcggt gttttacagt aaaatggatc 81840
 aggtctaagg gttctctaag aaaatttagc atttgacatt tttattttta tagcaattga 81900

aatacatcag tacaaccata ttcagaaagg gcattatgtc agacactgcc aggctatattt 81960
agatgtttgt cattttttgat catagttagt ttttggcctt aataataagt attattattt 82020
tacttattgc cagtgaatga taggatagag ctttaactaaa tgcttaaacg atgtgcttgg 82080
atccccacat agatccacag ttatttatatt ccttaggggtt ttgctatagc tacgtagagg 82140
aaaggagaat tcagtcaccc caatgcgcag ggtaccctgg gcatgctgaa ctcaaaagaa 82200
gctatactac agcagctata tgcacaatat aagtgccaat ttagtttcac caaaaatcat 82260
cactttatat taaattcata tcaactgattt gaattttatt ggccgacctt ttttaagtttt 82320
atatgttaag attctataat tatatacaac tctaagtgtg agaaaagtta ttgctagttt 82380
tatgtgggtg catatatagg taatataata aaaaaataatt tagattgaag gtttgtgtga 82440
taacttttct ccttataagg gttttttcct ggagtगतat cattaaagca tttaaaacag 82500
attttatgaa gtaactactg atactagagg aaagagctaa gctccattct aatttgtgca 82560
gagtgcactgg gtattcaggg agaataaggg agtagggaag aggaacagca ggggcctgag 82620
cagagtcaag gaagtgaaaa attacaaaaa tcaggaaagtg gaggttggtc cctgtaaaact 82680
catgtgggtt tgttatctgg tgctcatcaa agttagactc ctaaccttcc ttagagattg 82740
ggagacaaga gccctatctt caggcattgg ctggaagaaa ctgtcaattc ttctgtctac 82800
cttgagtttt ctcaggtagg aactttaagg ggtaggaggg taggaccatc ctagggttgt 82860
ggccttgggc ttttagaaac tattaataga ttcgtgttg tttaaagtctt tataggttta 82920
tggtgaggcc gagctgagaa gagtgctcaa aggaacctgg atagactttg attaaagaga 82980
gaatctttgt cagtgaat tacagaatgg cactttctta taaacagtga ctgctatgta 83040
ttaactgttg ttaagtgaac ttgattttta catattagct gaaaaaatat gaaagattat 83100
gctcttcatt tcagggccga gatctggacg ataaaattca ggaatataaa caagctggaa 83160
aaatctttcc agaaaatcaa ataatagaat ggtttatcca gctgctgctg ggagttgact 83220
acatgcatga gaggtatgtt catttgctac tgggggagca tgatatattt ttaacagtca 83280
tgtttgaact tgaaaagtga attttttttc tataattgaa agaaaacaag ttcaaaaggt 83340
atatggctaa aattaaacat ctataatatg tttttccttg agaaaactgt tgaatgatta 83400
tatctagagg atttacttgc atagcttttt gttgctgttc tgaaactcaa gttggccttg 83460
aatataagac agaaatttgt attaaacaca ttctattatg tctgatcatg tcctgtgaat 83520
tacaggaagc tctcagaaac tcttggcctc ctatgaattt attgtatctt acagcaggct 83580
tgagttgtaa ataccttagt atgccacaaa tgaattgtgt ggtcgccctg gaattgttca 83640
gtgcacactt agctagggtt acatcccaaa agagctcagt aattgagaca gaattgtattc 83700
tttcacctca gagggataag tattcagata gaaagtcagt tttgatatga agtatctgat 83760
aatgaaggtc aattattttg attatctgtg atttacattt acaatctctg cctcaaaaat 83820
gtatttttaa acttttaatg aatttttata ggtcaaaagt aagaagtttt agaagttaa 83880
tatttttagag acccataaaa tgatatgaac acgtttgaaa agatgaacat acatagacaa 83940
aaaagaagtg gatattctga ggtgtctgtg gtcgcttcca ccttggaagt ggggcgttaa 84000
cacatggtac cattcttctt gaacgaaagg gggtaattta taaagcacac caaggtctaa 84060
ctatccgtgg atgtcagggt gcttaaatgt gtcactgtga ctttctgaca gcataaaaag 84120
taatcggaat attctgtaat tcgccatgta tcttctaaaa cacatgcttg ttgatacaga 84180
tagctactga tttattgaca cctcataaca atctgttgga tgatgtcaaa ctatctttag 84240
aaatctttta ttaaaagatt atttgactta aatgaatcaa ataactcttt aataagctac 84300
ccaaagctac tgactgtaaa acttctgtgt acatacattt atattggtat ttcttttatt 84360
tctttatttc ttagcatatt gttaggttat atgcaagaaa aacaactaaa aaacaacaca 84420
tattaagatg ctaactatgg tattctatgc acaaaataca aaactggaat ttggttgatt 84480
taagaacca aatattttg atacctttaa gactgcttag taatagttaa aataaatgag 84540
tttaaaataa ccctttgaac agaggcttat aatttttaat cctttaatat tcaaagaaag 84600
tcattaaatg agactaaata tttggatatt tgtgaatctg tggatctgaa atacaatcct 84660
ttgtgattca ggtaacaatt gatggtgctt cttagtcat atgttattat aaccaattac 84720
tgtaaaattt ttatgtacag agaaattaca attttatgtt tcggttcatt cattccttca 84780
ttagatagtg ataaattaaa aataagctct aacctcaaag agctgttagt aagctagccg 84840
acataaaaca tgtaccctta taactataag ccatgtacca tgggtggatgt gcacaattca 84900
ttgtctccac tattcaccag attcatgacc ttgagcaagc tggctatgag agcaagctct 84960
cctctctgaa cctgtttcct catctattag attggtgcaa aagtaattgt ggtttttgcc 85020
attattttta atgcacaaaag ccacaattat ttttgcacct accaatata aagtaaggat 85080
aataatagga ctctccttgc ttacattaaa gggtagaaaa tatgcattca gatattagac 85140
agtttaaaag tttgcaaaat gttaagctct atgtaatgtt cttgttataa tttaatatag 85200
aaatgagagc acagacatca aaaggggttt taaaaacgat gacagtagca agtgttggtg 85260
aacatatgga gtacctggaa ttattttata ttgttaatag ggtatacatt gatataaaca 85320

cttttgagaa atgtttgcaa aacttttctaa gccaaacata caaatagcta tgacccagta 85380
 attctattcc taagggtaga aatgagtgt gatgtccaac aaaaggtatg cagaaatgtc 85440
 catagaagcc ttttttgtaa tagtgaaaac attaaaaaat attcatctac agtggaatgg 85500
 ttaacctgag tgtggtatgg ccctataatg gactttttaa attactattc tataatttaa 85560
 aaacaatata caattgataa taagcatgac ctgggtgaat ctgagagatc agaggttagga 85620
 tgacagaagc cagatgcaaa agagtgtata ctgcatgact acatttatat gaagttcaaa 85680
 aataggcaaa actaacctaa gataagtcag aatagtgatt actcttgcaa aggggttttg 85740
 cctggaaggg gcacaaagaa acctgggatg ttagaaatgt tctatatctt aatctggata 85800
 gaggattaca agagtggtag agatgttgat atatatgtaa aaaatcatca aatttaagat 85860
 ttttgcattt taatgtaagt tatactctag tttaaaacaa gtgataaaaag ggccaagaaa 85920
 agtacaattt agtggtacag gagatcagaa gagagataat gttttcattt ggagaatcaa 85980
 tggaggcttc ttcttggaag aagtagcact tgacccaagg taggtttcaa gtatgatgaa 86040
 aaatgggtca gagctttcca gatatagggg acagagcaca gccacagagg tgggaaaaca 86100
 tgggaacttt agagagaatc atgagtagtt ctattgggaa ggttcttgga gtaatgaata 86160
 aagttgtttg caaaggtagg ctgagggtcaa gagggtttta ttttgaggca tagacattga 86220
 actccacaag agcttttttg gtggagttat ataattattgc cagagcttgc ttcaggaagg 86280
 ttagatgata aattatatca aggagagaag gtaacttggg ttatcagtca agaacctttt 86340
 ataatatcca tgcattgagat tgtgagacct aaaccaagct ggcagagggtg ggtagaatga 86400
 ggaaagatga gaatgaactc agtaagttga aatgactgga cttgcaatta agtgatctcg 86460
 agatgtgata gaagggtcaaa gatgaacctg aggttttgtg cctggatgaa tgagaaattg 86520
 gaaagacagg tttgaaacaa tgggtgatgag ttttaattatg aatatgctgg gtagaatatg 86580
 gagagagaag aaggagaggg aggagagaga gagaatgaga atgagagaag gaagttagaa 86640
 gtgaggctct ggatcttagg gaaccatcag ggcttgactt tgtttgggtt cctacaatat 86700
 cagagccctg aaacaaagac taggggtacaa atagagtttt aggaggtaat cttagaaatc 86760
 agaagccaat aagtgggaag agtgagaagg agaagccaga aaagctgtgc agaatgcatt 86820
 gttgaactag tggctgctgt gggtagaggg atgcagaggc aggactcttc taatagtgtt 86880
 ttaagttttg agtttctctt cctgcattct ttcctgaatt tttggggaaa aaaagaaaaa 86940
 gcaggccggg cacagtggct cacgtctgta atcccagcac tttgggaggc caaggcgggt 87000
 ggatcacaag gttaggagtt tgagactagc ctggccgaca tagtgaaacc ccatctctac 87060
 tgaaaataca aaaaattagc gaggcattgg ggcaggcacc tgtaatccca gctacttgga 87120
 ggctgaggca ggagaatggc ttgaacctgg gaggtggagg ttgcagttag ccgagattgc 87180
 accatcgat tctagcctgg gtgacagtgc aagactccct ctcaaaaaaa aaaaaaaa 87240
 aaggcaatct tgcttaaata taactattgt tttctagcac tattgtgaat ttcctcttga 87300
 aaaatttctt gtatttctgg gaatttggag tgaggagggg gaggaagttg gagtgaggag 87360
 ggggaggaag ttgtcttcat cttgatccaa ttttagaatg gtttttaaatt ggagcagtta 87420
 tataatatatt attcctgatt gttaaattgt aatctatgtt tcacttctgt tggttttcag 87480
 tatttaattt agtataaaac atgtttcctt cagaaaataa acttatttat cttaattgtc 87540
 tgactttaaa acttttttaa tccaaaggaa tgatttttt tagcatatgg cataaacatt 87600
 tataaataat taaaaagcca agactattca cagttcactg aaagctactt tgagaacgta 87660
 gcactaaaac atgttcttgc cgaaggaggat catgctgtat taacaaaact ccagtgtcgt 87720
 ggcttacagc agcaatcatt tcctgctcat gttgcatatt gacagatatg ggtcatctgc 87780
 aagtctgtc tacatgtctt cattccagta cccaaactga aggagcagcc ctatccagga 87840
 caggctttac tcctgggtgga gggaaaagca agagagtgga aacccttgc tcagacatga 87900
 caatcatcca gtctgctcac atgtcattaa ccagagaagt cacatgacca ctcttaattg 87960
 cagagggggg ggagatgcct cttcctccca aagggacccc tcactgcaag gaataagaag 88020
 cgtgaatact tgggaacaag aataagtcta ctacaatgtt tcactcagct ttagactaaa 88080
 atctttcaaa ttacagctga taaatatagg cttgtctaca aagcattatt ctagttttct 88140
 ccttatatga tctacagtat atattaaagt atattttgaa aattacataa attggcttac 88200
 atatgagtta agattacctt ggaaacaata catgtgaaga ggtaggttt gttgcaaatg 88260
 ccttgcaaaa atttttagtt atatatatga tgggtgattt tatgtgtcaa gttgactggg 88320
 cagtagatgc ccagaattac acattgttta cagggtgtgtc tttgaagatg gttctggatg 88380
 agattagcat ttgaatctgt ggactcagta aagtagattg ccctccacag tgtgggcagg 88440
 catcatccaa tcccttgatg gcttgaatgg aacaaaagac agaggaagga ggaatttgcc 88500
 cccttggttc tgctcacta cttaagctag acatctcatc tcctaccctc agactgggat 88560
 ttacaccatt ggctcccctg gttctcagtc ctttggacag ggactgaatt acactatttg 88620
 ctttctggg tctctagctt gtagacagca gattgtggga cttctcagcc tccttaattc 88680
 atgagccaat tcttcataat aaatcattta tcattagaac ccagactaat acagtgcagc 88740

E
 only

cgtagaggag ataaagaaga ccctggaaac actaagaaga atgaagttac agaaaaagtg 88800
 aagaatctgt tcaactccttt ggagcttcct gtacttatttt taattttggtt tattttataca 88860
 ttatttctaaa tctataacat atggcataaa cacataaata atgatgttaa aacctgagaa 88920
 aattcacagt tactagaag ctatcttgag aatgttgcac tgaaacccat tactgttctg 88980
 ggcggggagt tcagttatgt caatttctta agataaagga cagagcagcc tctctgcaga 89040
 gagcccacct gctggtggtc tcaaggcctt gctgattttg gtgctttcca agtagaggag 89100
 agaacagggc tgggcactta ctccaagacg gcttcctcat cacctcactg cccatggatt 89160
 tcccagccag cttggcgagg tattgtggta gagtggctaa aatgttccct gaaaggtagt 89220
 gttttctttt tttctttctt tctttctttt tttctttctt tctttctttt tttctttctt 89280
 tctttctttt tttctttctt tctttcttta ttatacttta agttctagga tacatgtaca 89340
 caacgtgcag gtttggttaca tatgtataca tgtgccatgt tgggtgtgctg caccattaa 89400
 ctgctcattt acattaggtt tctctcctaa tgcctatccct cgccttcccc ccaccccatg 89460
 acaggtcca gtgtgtgatg ttccccacct tgtgtccaag tgttctcatt gttcagttct 89520
 cacctatgag tgagaacgtg cagtgtttgg ttttctgtcc tctgatagt ttgctcagaa 89580
 tgatggtttc cagcttcttc catgtcccta caaagaacat gaacacatcc tcttttatgg 89640
 ctgcatagta ttccatgggt tatatgtgcc acattttctt aatccagtct atcactgatg 89700
 gaaatttggg ttggttccaa gtctttgtta ttgtgaatag tgccacaata aacatacgtg 89760
 tgcattgtgtc tttatagcag catgatttgt aatcctttgg gtatataccc agtaatggga 89820
 tggctgggtc aaatgggtatt tctagttcta gatccttgag gaatcgccac actgtcttcc 89880
 acaatggttg aactagttta caatcccacc aacagtgtaa aagtgttctt atttctccac 89940
 atcctctcca gcacctgttg tttcctgact ttttaataat tgccattcta cctgggtgtga 90000
 gatggatatct cattgtgggt ttgatttgca tttctctgat ggccagtgat gatgagcatt 90060
 ttttcatgtg tcttttggct gcataaatgt cttcttttga gaagtgtctg ttcatatcct 90120
 ttgcccactt cttgatgggg ttggttgatt ttttcttgta aatttgttta agttctttgt 90180
 agattctgga tattagccct ttgtcagatg ggtagattgc aaaaattttt tccattctctg 90240
 taggttgccct gttcactctg atggtagttt cttttgctgt gcagaagctc tttagtttaa 90300
 ttagatccca tttgccaatt ttggcttttg ttgccattgc ttttggtgtt ttagtcatga 90360
 agtccttgca catgcctatg tcctgaatgg tattgcctag gttttcttct aggggtttta 90420
 tggttttagg tctaacagtt aagtctttta tccatcttga agaaatttaa tataagggtg 90480
 aaggaaggga cccagtttca gctttctact tatggctagc cagttttccc agcaccattt 90540
 attaaagagg gaatcctttc cccattgctt gttttcttca ggtttgtcaa agatcagata 90600
 gttgtagatg tgtggtatta tttctgaggg ctctgttctg tcccattgggt ctatatctct 90660
 gttttggtgg cagtaccgtg ctgttttgggt tactgtagcc ttgtagtata gtttgaagtc 90720
 aggttgtgtg atgcctcgag ctttgttctt ttggtttagg attgtcttgg caatgtgggc 90780
 tcttttttgg ttccatatga actttagttt ttttttccca attctgtgaa gaaagtcatt 90840
 ggtagcttga tggggatggc attgaatcta taaattacct tgggcagtat ggccattttc 90900
 acgatattga ttcttcctac ccatgagcat ggaatgttct tccatttctt tgtgtcctct 90960
 tttatttcat tgagcagtgg tttgtagttc tacttgaaga ggtcctatac acatcccttg 91020
 taagttggat tcctaggtat tttattctct ttgaagcaat tgtgaatggg aattcattca 91080
 tgatttggct ctctatctgt tattggtgta caggaatgct tgtgattttt gcacattgat 91140
 tttgtatcct gagattttgc tgaagtgtct tatcagttta agtagatttt gggctgagac 91200
 gatggggttt tctaagtata tgattatgtc gtctgcaaac agggacaatt tgacttctc 91260
 ttttctgat tgaataccct ttatttctt ctctgctg attcccctga ccagaacttc 91320
 caacactatg ttgaatagga gtggtgagag agggcatccc tgtcttgtgc cagttttcaa 91380
 acagaatgct tccagttttt gccattccag tatgatattg gctgtgggtt tgtcctaaat 91440
 agctcttatt attttgagat acattccatc aatacttagt ttattgagag ttttgggtat 91500
 gaagggtgtg tgaagtttgt cgaaggcctt ttctgcatct attgagataa tcatgtggtt 91560
 tttgtctttg gttctgttta tatgatggat tacgtttatt gatttgcata tgttgaacca 91620
 gccttgcac ccagggtatga agccaacttg atcgtggtgg ataagcttct tgatgtgctg 91680
 ttggattcag tttgccagta ttttattgag gatttttgca tcatgttcc tcaggatgat 91740
 tgggtctaaaa ttctcttttt ttgttgtgtg tctgtgggtt ttggtatcag gatgttctg 91800
 gcctcataaa atgagttagg gaggatccct ctttttctgt tgattagaat aatttcagaa 91860
 ggaatgatac caattcatgt ttgtacctt ggtagaattc ggctgtgaat ccatctggtc 91920
 ctggactttt tttggttggg aggtatttaa ttattgcctc aatttcagag cctgttatta 91980
 gtctattcag ggattcaact tcttcctggt ttagtcttgg gaggtgtat gtgtccagga 92040
 atttatccgt ttgttctaga ttttctagtt tatttgagta gaggtgttta tagtattctc 92100
 tgatggtagt ttgtatttct gtgggatcgg tgggtgatat ccctttatca ttttttttgc 92160

E!
 cont.

atctatttga ttcttctctt ttttcttctt tattagtctt gctagtctgc tatcaatttt 92220
 gttgatcttt tgaaaaacca gctcctggat tgattgattt tttgaagggg tttttgtgtc 92280
 tctatcttct tcagttctgc tctgatctta gttatttctt gccttctgct agctttgaat 92340
 gtgtttgtct ttgcttctct agttctttta attgtgatgt taggggtgtca attttagatc 92400
 tttcctgctt tctctcatgg gcatttagtg ctatgaattt cctctactc accgctttta 92460
 atgtgtccca gagattctgg tatgttgtgt ctttgttctc attgggtttca aagaatatct 92520
 ttatttctgc cttcattttg ttatgtacgc agtagtcatt caagagcagg ttgtttagtt 92580
 tccatgtagt tgagcgggtt tgagtgaatt tcttaatcct gagttctagt ttgattgcac 92640
 ggtggtctga gagacagttt gttataattt ctgttctttt acgtttgctg aggagggtt 92700
 tacttccaac tatgtggtca attttggaat aagtgcattg tgggtgctgag aagaatgtat 92760
 attccggtga tttgggggtg agagttctgt agatgtctat taggtctgct tgggtgctgag 92820
 ctgagttcaa atcctggata tcttgtttaa ctttctgtct tgttgttctg cctaagtgtg 92880
 acagtgggat gttaaagtct cccattatta ttgtgtggga gtctaagtct cttttagagt 92940
 ctctaaggac ttgctttatg aatctgggtt ctctgtattt ggggtgtatat atatttagga 93000
 tagttagctc ttcttgttgc attgatccat ttaccgttat gtaatggcct tctttgtctc 93060
 ttttgatctt tgttggttta aattctgttt tatcagagac taggattgca accctgtctt 93120
 ttatgttttg ttttgttttc cagttgcttg gtagatcttc ctccatccct ttattttgag 93180
 cctatgtgtg tctctacaca tgagagggat ctctgaata cagcacaccg atgggtcttg 93240
 actctttatc caatttgcca gtctgtgtct ttttaattgga gcatttcgcc catttacatt 93300
 tatggttaat attgttatgt gtgaatttga tctgtcatt atgatgttag ctggttattt 93360
 tgctcgtag ttgatgcagt ttcttcttag catcgatggg ctttacaatt tggcatgttt 93420
 ttgcagtggc tggtagctgg ttgttcttct catgtttagt gcttcttca ggaggtcttg 93480
 taaggtagac ctgggtggtga caaaatctct cagcatttgc ttgtctgtaa aggattttat 93540
 ttctgcctca tttatgaagc ttagtttggc tggatatgaa attctgggtt gaaaattctt 93600
 ttctttaaga atgttgaata ttggccccc cttcttctta gcttgtagag tttgtgctga 93660
 gagatccgct gttagtctga tgggtttccc tttgtgggta acccgacctt tcaactctggc 93720
 tgcgcttaac attttttctt catttcaact ttggtgaaac tgataattat gtggcttgga 93780
 gttgctcgct ttgaggagtt tctttgtggc attctctgtg tttcccgaat ttgaatattg 93840
 gcctgccttg ctatatggg gaagttcttc tggataatat cctgaagagt gttttccaag 93900
 ttggttctat tctccctgct gctttcaggt acataatca gatgtagatt tgggtctttc 93960
 acatactct atatttcttg gagtctttgt tcttctctt ttactctttt ttctctaaac 94020
 ttctcttctc gcttcatctt attcatctga tcttcaatta ctggtaccct ttcgtccact 94080
 tgatcaagtc agctactgaa gcttgtgcat gcgtcacata gttctcgtgc catggttttc 94140
 agttccatca ggtcatttaa ggtcttctct atgctgttta ttctagttag ccattcatct 94200
 aatcttattt caagggtttt atcttctttg agatgggttt gaacatctc ctttagctcg 94260
 gggaagtgtg ttattaccta tcggctgaac ccttcttctc tcaactcgtc aaagtcattc 94320
 ttcgtccagc tttgttccgt tgctagcgag gagctgagtt cctttggagg agaagaggtg 94380
 ctctgatttt tagaattttc agcatttctt ctctggtttc tcccatctt tgtggtttta 94440
 tctccctttg gtctttgatg atggtgacgt acagatgggg ttttgggtgt gatgtccttt 94500
 ctgtctgtta gttttccttc taatagtcag gacctcagc tgcaggtctg ctggagtttg 94560
 ctggaggtcc attgcagacc ctgtttgcct gggatcacc agcagaggct gcagaacagc 94620
 aaacattgca gaatggcaaa tgttgcgtgc tgatccttcc tctggaagct tgggtctcaga 94680
 ggggcacctg gctgtaggag gtgtctgttg gccctactg ggatgtgcct ccagtttagg 94740
 ctactcgggg ctcagggccc agttaaggag gcagtctgtc cgttctcaga tctcaaactc 94800
 tgtgctggga gaaccactgc tctctttaaa gctatcagac agggacgttt aagtctgcag 94860
 aagtttctgc tgccttttgt tcagctatgc cctgccccca gtgggtggagt ctacagaggc 94920
 aggcaggcct ccttgaactc cgggtgggct caccagttt gagetccag gccactttgt 94980
 ttacctactc aagcctcaat aatggtggac gccctcccc cagcctcgt gcccccttgc 95040
 agttggatct cagactgctg tgctagcagt gagagaggct ccgtgggtgt gggacctcc 95100
 aagccatgca tgggatataa tctcctgggt tgccatttgc taagaccatt ggaaaagcac 95160
 agtattaggg tgggagtgtc ccaactttcc aggtaccatc tgtcacggct tcccttgact 95220
 aggaaagggg attccctgac cccttgcaact tcccagggtg ggtgatgcc cgccctgctt 95280
 cagctcacgc tctgtgggct gcaccactg tccagcaagc cccagtgaga tgaaccgggt 95340
 acctcagttg gaaatgcaga aatcacccat cttctgtgtc gctcatgctg ggagctgtag 95400
 actggaactg ttcctattcg gccatcttgg aacctctcc ctgttgtgtt ttttctgaa 95460
 aggtagtgtt aagaactcat ttttaatgta gtgaggcttc cagggaagag ccatacttgg 95520
 aaatctgagt ccgtaaatat gactgtggaa ggaggtgtcc taccctcagat ttgaagatgg 95580

aaaagcagag agaagttgtg tttggtgtta ctggagattc ctgctttctc ctggctctca 95640
 cttcttgagg atatcctgca gtcacttttt caaggtaacc tcacccctga gccagggtga 95700
 ggcacactcc tgatatgctg acagtggcca atagtttgag gaagacctga ccctgcttct 95760
 gacttacaac atagaggact cattgtgtta gtgaggggaa tgagactgat gaagaaaggc 95820
 aggtgcctca gtgcccagga cagggggccac atggcaaaga ccagtaacag gagttgcctg 95880
 gggtgtgcat cacaaaggag ccattggctg tgccagcacc tttggcaaga agagtttgtg 95940
 atccaccctg agaacctgct agatgaagga tagacctcca gggaggggtt catatcataa 96000
 actgttcata ttagggcttg aggggaggtg agaggaattg tccatacctt ctccacagtt 96060
 ctaccttggg ctggaggcct gagaaatgcc tgccctctgt acctccacag actgttcttc 96120
 atcctagcat gggccctgga tgctggggaa gaatgacctg atggggagat ggagatggga 96180
 ttttttagcat gaatttgaac cagaaactgt cagcaaactt taaccagatc acttgggtgt 96240
 catgaaacat agaaatgaga gggaccacc accgtgaacag atatggtatg gtgcacttga 96300
 gataatagat ggagaactgt gttgagcttt ttagaagaaa gatttcatat aaactttatt 96360
 gcctgttacc ttattatattg ttggatttca ttttcatata cttcaaagga atggatatta 96420
 gccaaacata ggataaaatt atgctggctc attttggctt actgtaacca caaagccaat 96480
 acattacgat ttttttttc tctgagacg gactcttgct ctgcttccca gggtcagca attctcctgc 96540
 caatggcatg atctcggtc actgtaacct ctgcttccca gggtcagca attctcctgc 96600
 ctcaacctcc caagtagctg ggattacagg catacgccac catgccgtc taatttttgt 96660
 attttttagta gagatggggg ttcaccgtgc tggccaggct ggtctcgaac tcctgacctt 96720
 gtgatctgcc tgcctcgcc tcccaaagtg ctgggattac aggcagatgac caccatgcat 96780
 ggccaattat aatttttcaa tagatattta gcaaatagct tgatacctgg tttgttgc 96840
 agaatttatt gttccattac cacagtgcc gctaattact tctcataact gctttctaac 96900
 atattgtatg cttatttctt aaagtatcta ctgatgagtt actaatttat atatttatag 96960
 aggcctatca atgtattatt tgtaattcat cttctgcttg tctagtctag gtgtcatcag 97020
 gtgagtttct ttggaatgtt ttacttactc caaagttaca gcaccaagtc ttctgggtggg 97080
 ctcttagct cactattgca aatcctaaac ctggtgtctc tttgacttcc tagaatcaat 97140
 agcttagcaa accaagtgt caacttaaga cactctaat tgcaaataac agaagcagat 97200
 taaacagtag agaaaattta ttacctggcc taacatgaag tctccaaagt gagttgttct 97260
 agagctggtt aacttgggtg gctgagcagt attctctggg gttctagtct tttctcttta 97320
 ttccaccatt ctgagtgtg ttggcttttg tagtcagact tgcctcttg tggttgccag 97380
 aatggctgta acacgaccac gtatccgccc ttcacacaac agtaaccaa ctccagaaaa 97440
 ggtaaaaggg acatatggca tgcactccc cctttttttt gtcttttata agagttagga 97500
 agtatttctt acaagattcc agcagacttc ccttgtgtct cattgatgtt agaaaaattt 97560
 caaaaaacat ggaagagaca aaagatatta gtggatattt ttccactgca gtgctggact 97620
 taactttcta ttatctgggc tacttcttaa ctctgtggag gcagaggcac acttgaatat 97680
 ttttgtccag cagagatgca aataatttct gtccagtaga acagatatcc ctgggtgatga 97740
 tggtttatgg ccttgttggg cattaaccag ttttgtatct aactcagcaa tcatatcccc 97800
 ctgccacatt caccctctac acccccact tctttacct aacaggctctg aggagggtg 97860
 agcctcccca gaggctcatg ggggttctgg gtcaaggagg aagaggagga gaatggttat 97920
 tgggtaggca tttcacagtt cctgccacac caagagtag gcatagagaa 97980
 agccaggttt catttaacac agttagtaaa tactgttgtt ctctttttaa atcagttaag 98040
 aagtcagcaa catactcatg tacagcatag gtctaggtat cgtgggaatg taagaaggca 98100
 gtagaaaata gttattaaat agcaaagttt ttatagataa acagacctat gtgagaatag 98160
 tggtttatag agtcaaagag acctcagttt gaaccaatag gctatacaac attgggcaag 98220
 ttatttggcc tttctaggcc ttgatttctt catctccaga ttgggcataa cagtaaaaaa 98280
 atagtagtat agtgcttagg attatagcat ctgggggttat ggacctcaag atgaagtggc 98340
 ctagtgttgc attgtctagt tttgtcttct tcttttctct ctattcttag aaacatactt 98400
 attcctctct aatccactaa agggttaaag aggctaaaga ttatttgaat taggggaaat 98460
 tctcactatc atatccaatt cttcacttta tatgctgatg ttataggccc ggttgagttt 98520
 ctggccattt gtgctcataa agtaaaacta tatgatcttt atgagtgact tttctttaaa 98580
 atgttgttag tcagaaattg cttagtcaga ataaagctgg atggttgagg cctgaacact 98640
 ttacaaaggt aacattatta cacttgtaact atcattaaat ctaattggta aaattatttt 98700
 tataattgat atttctgggt ttaattaata atagtaatat taatttgggt ggcatgtaac 98760
 tgagagtgat catttactga gagagatatt tcttatgac cagggtgaatg tctttatttg 98820
 taattattta caattataaa taattcttta gtaaaagtac agtggttagg tttcccttct 98880
 gccatctctt acagttgctg atgtacttaa aaaaaactct ctaacctgag tgtaagcatt 98940
 atgagataca tagccttgtc ttatgaatct ttgtatctgt cacattatgt agtacagcac 99000

51
62

ataacatcta	gttggcactc	aataattggt	ttttggatta	atgaatgagt	cccactagat	99060
agtattcatc	tttgtaccaa	ggatagtggt	ttaaaaacca	acatgcattt	attgagcatc	99120
tcctgtgagt	gaagaactgt	gaagaggaag	agatgatatt	aatagaaatg	tggctcaagc	99180
atattgctaag	gctgccagaa	gcattggtag	ggccagatct	tgaaatctct	agcaggccac	99240
atatagaact	gtagactcta	ttctggaagc	agtgcagagc	cattgaagga	cttaagttgg	99300
tgtttaaagg	acagattttc	attttctaaa	gccacaaccc	catttctgac	ctaaggctca	99360
agaatactgc	tcccagactg	ggttctccta	tttaagcagg	aggacagata	cactgcagtc	99420
aatttcttct	taaagacttt	gactccaatt	gtgtccttct	tttctattat	ttttattcag	99480
gatttcagtt	ctacttcctt	tatgtacccc	acaaattatt	aattagtgct	accattatta	99540
ttggtttaca	agccaaaact	agtttagatt	tccccacttt	tatcaatctc	ttggttcacc	99600
acttcttctt	ccacccccatg	tcttcttctt	gtggtcattt	tttttctctc	ccaaaacaaa	99660
tccttaaagtt	acgtgaatga	taaacactca	gtttctttgt	ttgtttggtt	gaaaatgttt	99720
ttattttttc	ctcatccttt	tataatagtt	tagctactat	ttcagctaaa	aatgtattat	99780
tatttagcta	ttattaaaaa	tgaaattcca	gattgacaga	tttttatctg	acattttgaa	99840
aatggttatct	cactgtcttc	tggattctgt	tattgatggt	aagtcacttt	ccatgtaaca	99900
gacattctta	ttaaggtaat	gtcttttctt	tcagttgatt	ctcaacatct	ttgtccttgg	99960
tgttttccaa	tattacagtg	ttatgtctac	ttgtggattt	ttgtttttaa	ttctgcttgg	100020
gatttctttt	gcttctgagc	ttgtgaattc	atgaaaactt	ctaaattctg	aaaatacctc	100080
gtcattctct	ctttgaattt	tgcttctccc	ctattctcct	tttacaatgc	ttaaagatgt	100140
atgttagacc	atcacattct	gttcttcatt	gctatgcact	ccttctagga	atccatttat	100200
atataatatta	gaactttaag	cctgtatttc	agatgtctct	tatactcttt	tctatgtttt	100260
ctttttcttt	ctttctttct	tttttttttt	tttttttgag	acagagtctc	actcttgttg	100320
cccaggtcgg	agtacagtgg	cgcatcctg	gctcactgca	acctccgcct	cccattgttc	100380
agcaattatc	ctgcctcagc	ctcctgagta	gctggaacta	caagtgcctg	ccaccatgcc	100440
cggctaattt	ttgtactttt	agcagagatg	ggcttcatca	tgttggccat	gctgggtctt	100500
aactcctgac	ctcaggtgat	ccaccacact	tggcctccca	aagagctggg	attataggcg	100560
tgagccactg	tgccatgcct	tttctatggt	tttaatcttt	ttttcttttt	gcacctcagt	100620
tgaaataactt	ttcactaacc	attattccag	tttctaaatc	ctctcttctg	ctgtgtctaa	100680
tttgattttca	aacatatgca	ctaaattctt	aatttttagta	aaattttggt	tcagtttttag	100740
aattttccatt	tgattcctag	aaaaatatata	tatgcactcc	tagtgcatat	aaaaatatat	100800
atataattttc	tatatagaaa	atatatagaa	tctagctctc	tattgaaatt	ctccattgtg	100860
tcagttattt	tcttgagcaa	taatcacagt	tattttcaaa	tccttgtcca	ataatttcaa	100920
taggtggatc	acttgtgtat	ttatttctat	atctcttttt	ttcttttggg	ttttaatcat	100980
ttgatcttat	cttttggtat	gcctggtagt	ttttgagtga	atgctgaaca	atatatgtga	101040
aatattgaga	gatgttagat	gatattactt	ttctctgcct	gacagttata	tttagggcag	101100
atcaccttga	tctaattgag	aactgaaata	gtttaactgt	aggctgtagg	cttttgagg	101160
gttgggtctat	tttcagtttg	cctttatttc	tatgaagaag	tttttcagag	ctttcagctg	101220
aagggttttag	ttttttacta	agatacctct	tcctttgtgg	accctgaaat	ccaagtttat	101280
tgaatctact	caaagctctg	attaaaaatt	taaaataaac	tttatttttt	aaagcagttt	101340
taggttcaca	gcaaaattga	gtggaaggta	cagagatttc	ccttataccc	cctgctccca	101400
cacatgcatt	gcctccccctg	ttatcagcat	tgctaccagt	catacatttg	ttataacaga	101460
tgaacctaca	ttgacagatc	attatcatca	aagtctatag	tttacattag	ggttcattct	101520
tagtgctata	cattcttttga	gtttgggcac	atgtatgaca	tgtacccatc	attttagtat	101580
cataaagttg	ttgcatggcc	ctaaaaattc	tctgtgctct	ccttactcat	tcttccctcc	101640
ctcttaaacc	ctggcaacca	cttatctttt	tgttgtctcc	atagttaaac	attttccaga	101700
ttgtcatata	gcttgaatca	tatatagatt	tctcaggctg	acttctttca	cttagtagta	101760
tgcatttaag	tttcttccat	gtcttttcat	gccttaatag	ctcatatctt	cttagcacta	101820
aataaatattc	tattgtgtga	atgtaccatg	gtttatttta	ccattccgct	actgaaggac	101880
acttttggtg	ctttcaagtt	ttggcaatta	tgaataaagc	tgctataaac	accattgtgc	101940
aggtttttgt	gtggacatag	tttttaattc	atltgaataa	ataccaagga	acatgattgc	102000
tggattatgt	gataagcatt	tgtatcattt	tgtgaagaa	tgccaaactg	tcttccaaag	102060
tggtgaacc	atlttgattt	cccactagca	gcgaatgaga	gtttctgtta	ctccacatcc	102120
ttgtgagcat	ttggtgttgt	cagtgtctcg	atltgggccc	ttctaatagg	tgtgtagtgg	102180
tacttcattg	ttgttttaat	tttcatctct	ctgatgacat	atgatgtaa	acatcttttc	102240
aggtttattt	gccttttgta	tatcatcttt	ggtttaggtgt	ctgttaagggt	ctttggccca	102300
ttttaaaacc	agattatttt	cttattgttg	agttttaata	gttcttttga	tattttggat	102360
aacagtcttt	tttttttttt	tttttttgag	actgagtctc	gctctgtcac	gcaggcgtgt	102420

cagagtgcga atcttggctc actgcaagct ccacctccca ggttcatgcc attctcccgc 102480
 ctgagcctcc caagtagctg ggactacagg tgcccaccac cagcctggc taattttatt 102540
 tttgtatttt tagtagagat ggggtttcac caggttagcc aggatggctc cgatctcctg 102600
 acctgtgat ctgcctgcct cagcctccca aagtgtctggg attacaggct tgagccactg 102660
 caccggcca acagtctatc agatacgtct tttgcaaata tttctccca gtctgtggct 102720
 tatcttttta ttccttgaca gtgttttctt acagagcaga aattttttat ttttaataaag 102780
 tctagcttct caattctttc atggattgtg actttgggtg tatattttaa aagttatcac 102840
 caaacttaaa atcatctaga ttttatcaca tattattttc tagcagtttt atagttttat 102900
 attttttagg cctatgattt atttttgagt taatttttgc aaaggctgta aggtctgtgt 102960
 ctagattcat ctattgtata tgaatgcccc gttgttccag caccatttgt tgaaacgact 103020
 gtgttccatt gcattgcctt tgcttctttg tcaaagatca gttgactgta ttcacgcagt 103080
 tttatttctg ggctctctat tctgttttat tgattttttt tctctccaat actgtactgt 103140
 cttaattact gtactttata gaaagtcttg acatcaggta gtatcagtc tccaacattg 103200
 ttgttctcct tcaaaagacc caatattatg gatcttttgc ctttccatac aaattttaga 103260
 atctgtttat caatgtctac aaaataaact cctgggattt tgattggggg tacattgcat 103320
 ctattgatca atttggaaa aatccatctc ttgacaatat tgagtctacc tatccatgaa 103380
 catggattat ttttccattt atttagttct tctttgattt tttttcatta cagttgtgta 103440
 gctttctcca tatagattct gtacatattt tattagattt atacctaagt gtttcatttc 103500
 aggggtacta atgtaaatat agtttgatat aaatgtcaaa ttctacttgt tcattgtggg 103560
 tatataggaa agcaattgat tttgtgtat caacctgtga ttctgcaaca ttgcagaatt 103620
 aattacttgt taattccagg aggttttttt aattgattct tttggatttt ctacttagct 103680
 gatcatgtca tctgtaaaac gagagtttgt ttttctctt cccatctcta ttccttttac 103740
 acttctttt cttgtttttac ttaatttggg aggactttca gtataatgtt gaaaataaat 103800
 gattagaggg gacatttttc cttgtttcct gatctcagca gaaaaacttc agggttctca 103860
 ttgtaaagtg tgatgttagc ttaggtttt ttataaatat tctgtttct agtttatcag 103920
 agttattgtc atgaatggg attggatttt gtcaattgct tttctgcat ctattgattt 103980
 tttcatgtga ttttcttct ttattctgtt gatgtgatgg atacattaat tgactttcaa 104040
 gtgttaaagc agccttgcat acctagtata aatccactt gggtgtgggt tataattctc 104100
 ctgacacaat gttggatata tatatgtata ttttttgga aacatctcgc tctgtcacc 104160
 aggtctggag gcagtggggt gatctcagct cactgtacc tctgtctccc gggttcaagc 104220
 gattctcctg ccacagcctc acaagtagct gggattacag gcccctgcca ccagcccag 104280
 ctaacttttg ttttttagt acccacctg gcttcccaa gtgcttgga caggaagt 104340
 ctctgaccc caggtgatcc aatgttggat ttgatttgct aatatttcag tgaggatttt 104400
 agctgccacg cctggcctac atactgggtt ttagttttct tttcttgtaa tgtctttgtt 104460
 ttcacttaca tttatcagag tgctgacatc ttaaaatgag ttaggagta tttcctctgc 104520
 tggttttaat gttaggatga tatagatatt tgggtgcaat tcttcttaa atatttggt 104580
 ttttattttc tgaaagagat ctgggcccag tgttttttat ttggaaactt actaattatt 104640
 gaattcgcca gtgaacccat gatgggccta tttgattgtc tacttcttgt atgatttttg 104700
 gattgaatgt atttactgaa aattggttct tttaatctag gttatcaaat ttgtggttat 104760
 gcagcttggt tctttgaagg tttttattct tttaatgtcc acggaatctg tagtgacgc 104820
 agattgttaa tagtattgct taatagtttt tgtcttctat ctttttattt tacttaggct 104880
 ctctctttca tttttgattt tattgatctt ttcaaagaac cagttttatt tttgttgata 104940
 ggctagaggc tagttgattt ttcaatttta ttatttctgc tgaatatatt ctcttactt 105000
 ttctctattg gtttcttgtt tttctagttt cagtgggtg aagcttagat aactgatttt 105060
 ttgggttaaat ttgcttttct tttctagttt tatatatatt aatttccctc taagcactgc 105120
 agatctttct ttttttctaa tttgataaag tgtgttttca ttttcattta gttcaaaata 105180
 ttttgctata tcacacaaat tttcttcttc attgtttaga agtgtgtggg tttatattca 105240
 ttttaaaatt tctcttgaga ttatctttct gttatttaatt tctagtttga ttccattttg 105300
 catatttttg gattttccag tgatttctct tctttcaaat ttgttaatgt tttatggcct 105360
 atgtgagagc agaaatggta tttgaataat tcgcagggat tttttttcat ttttatgtga 105420
 agaagactt tcagtttctt agatatttgt atactttatt cggcatttta gttttttat 105480
 gctcaactgt gcatatatga tagttcttta taattccata aaataaagg cttactgac 105540
 gcaaagattt tcaagttttc atagtcagat ttaataaatg ttacctattc ttaaatatca 105600
 ataatttaca ttactgactt acaagtatat aaaacttgga catttgggtg ataatagatt 105660
 tcaacaacgt tattattttc aggatattgg tactggatat agtactatgt agattatgct 105720
 acaaactgg ctatcaattg agcctattga aatagttgaa agcatatcac cgttctccaa 105780
 acaaaaacat aataaaaat

actacatggt ccccaacctt taaaatcttt attttaaaac ttttgtttcc tcagggaaac 105900
 tggaaagtat tgtggctttg tagcttttaa acattgaaag atatatctat gggagtatat 105960
 atttatgtgt aaatcatgtg caacaacata tattatttac atggggattt aaaaatgtta 106020
 tattctgcat gaagttgtat atcttttttg cctttttagt gaggatactt catcgagact 106080
 taaagtcaaa gaatgtattt ctgaaaaata atctccttaa aattggtaag attttaaaaa 106140
 gtatgaattc caaaaacgca gaacagtata ttctagatat tatcatatca aattgaagta 106200
 aatggtacgt ggaagtatta gagtaatcat tggtttgttt aaatttctca aatttttaag 106260
 tacatgtgct gctgaaatga aactaaatt tctcaggttt ctagatgggc ccaacaaaac 106320
 ctaattgttt tgtttctgag tatctgatat aaattgaggt gtacaaattt accacatatt 106380
 tgatagattt ttcaaataata ctttgagttc cctgtttcat gccaggcact ttacaagtta 106440
 ttagaatcat tttactgggt tgattagtta ctacaggttt ctcatttata ttatttcatt 106500
 acaagcaata agtgggtata gataatgaaa atgttgatat aatggcttta ttaaccttta 106560
 gttcttcaga actgtacctc tcctcataac agctactgga tcatctaata atcatatagg 106620
 gtgtacttgg ggaaggaagg aaggaaggaa taaaagtgtg caactagtta ggcaagtatt 106680
 aaaaagctga tagattcaaa tttttatagt catgttctta aatagtctca gatcttttct 106740
 ttaaacgct ccattattgt aaatttaaga acaaatctct cccccctcag gtgaaattgt 106800
 atatcatctt attcagtttt tccaaaatca ttctgtttgc cattattcag acttgaaata 106860
 gctttttata tcaaatgttc tagtttccca taattccaga aataaagaat ttttagcttac 106920
 ataattcact ttctgtgctc aaagtcttcc ttctcctata aaacttatgt ttttaaaact 106980
 atttaccagc gttgtataat ttaagatata ttacttttct ttctgttaa aatgctatga 107040
 accattgcat aataaaatgg tcaaattagg cactcattca gttgttaatt tccagggcta 107100
 atttttcggt ggcttaaagt attcataaaa attaattatt atttcaagga gattttggag 107160
 tttctcgact tctaattggga tcctgtgacc tggccacaac tttaactgga actccccatt 107220
 atatgagtc tgaggtctctg aaacaccaag gctatgacac aaagtcggac atctggtgag 107280
 tgggctagt ggttagactc ttcatctgct tccctaaaag aatggtacat tttgtcttcc 107340
 agctcattta ctactgcat acattcactt tatcccttg acatgaatat ttctgtgacc 107400
 agagtaaaaag aaggtctttt gcatttagaa ctcaatatat ttcattaaac tagtttcaaa 107460
 aattcttttt attcagtgat aattgggttg ttttgattt ttggttctctg aatcacaagg 107520
 gaaagtctt aatgtaccat aagcattaaa ttttaataca tttctgttaa cctattaaat 107580
 aaagtatttg taaccctaag tactgtgctt attctatttt aagggttaact tcaatctctg 107640
 tggggaatgt acagcttttc tataattttt tctttttgtt acttttaaga attttactaa 107700
 agatattggc tttaaggata aactattttt ttttttttga aatggagtct tgctctgttg 107760
 cccaggctgg agtgcagtgg tgtgatctca gctcactgca acctccacct cttgggttca 107820
 agcgattctc ctgcctcagc ctccctagta gctgggacta caggctccca ccaccacgcc 107880
 tggctaattt tttgtatttt tagtagggac gggtttctact gtgttagccg gaatggtctc 107940
 aatctcctga cctcatgac tcgctgcctc agcctcccaa agtgcctggga ttacaggtgt 108000
 gagccaccgc gccagacta ggataaacta aattttaaaa tttctggatt ttcatgaca 108060
 gatgcactcg agatgtctca gtttctctga gctcttata taaaggaatt tctccttctc 108120
 tgttatggaa ctaagtgaat tctcactgca gaagccatgt ggaaaattgt attcagtag 108180
 ttctagtgt agcaatagat cctatttctt ttccttagaa gaggaatctt attataact 108240
 tttctgcttg ttgaggggtg aaagaacaat ctagctgagg gcttggttaat taagtaaaata 108300
 attactgtat gcaaatcaac ataaatagtt ctgagctttc aaagacaagc agtgtaaaag 108360
 atgtgcttac ttactcttc taaagaagac aaagtagaaa attacatttt ctctgggttag 108420
 ggaaaagtga atcacaacag gggatattgc ttaggatttt cacaagggtc attatctgtt 108480
 ccttgttctc gtgcctacca aatgggagag aacattgtca agattagggtc tgggtatggc 108540
 aattcccat gaatcccgct ctttcaattc agtcttgcaa ttgttcattt cttaaattatt 108600
 cacgtgtttt tttcatcatt ggcttacttc tgccctggag gtcttttcca attcacctat 108660
 catcttctgt cttctttctc tctaaccctc ttaactacca catccaaaag aaaaagaaaa 108720
 cccaaaccaa ataaaaccaa acatcacaaa ggtatgtata gaggaataac taatgagttc 108780
 ctttaaaatt tgcctcattg aacatctact atttgcccaa gactgtgtaa cattccttag 108840
 gtataaagca aaagtgatag gattcctacc tatcaagaga aatcttgctt cttttggagt 108900
 cctttctct agttttgaga atcaattttg ggttttgctt agatcgaaat ttcaattata 108960
 tacctatata tctctttaca ttttaatttta tttatggacat tttaaaatag 109020
 attcaaatat atatctttat agtttaaggt tatatggtat ctcaagaaga tggttatgtta 109080
 tgccatctga attaggagta aattaattta caaagcctat catttaagtt tttggaatta 109140
 tatgtaacaa acctggctcc ttttgacagg cagctatatc tgctttccag atcagatgaa 109200
 tatctcctag aaaacaaaag caacagaacc cacagagagg aaaggaaagc atagagtatt 109260

tgtctcagtt atgtcagtggt tatttctttt taaaaaattg ctctactat tacatggagt 109320
 attatgggat atcagatagt attgctatac tttaggatta caaaactgtc tgactcaaga 109380
 aaaaaaaaaac agccaaaacc tccaaaatat acaaagcaga aggattttaa tgtgtttctc 109440
 tgagcattag gtttagctctc cttgcagaga ttaacttttc agcaagtaca agcttaggat 109500
 tcatcatcat cctgacccta aataaccacc ttattatgga tttagtaatt accttggttg 109560
 tatcagaatc aaagtgggct tatctggtaa tgaaatttct attgccaac ctaaaatgga 109620
 aataataaga gagaactatt aattatagtgc tcagatacat acgtgtgatg agtaatcttt 109680
 agtagacact ctgagaaaaa ttagattgaa tgagggtgag aacctgtctc tgaatctcag 109740
 tgtgtagcat ctgtttattg tggaaatttt ttttaggatt agaaacactt atgaataatt 109800
 gacaggtggt ttgttttagc actaatagct gtacatatta tttttataat gcttaaagga 109860
 gaatttgctt aaaggagaat tggcctaata ctagttagt tttcatctgt aatgtttgcc 109920
 catatgtaac attatcttca ttctgcaatc tgttaaactt ttctggcttc atttatttat 109980
 agcattcagt acaggaagtc cttctcctaa aagtgggtta gggtccaaaa gtttataaag 110040
 ttatttgcaa agttaggata attaggttta ctgagaacaa tgctttgatc acagctgatt 110100
 tgtataagca attgttgaat actcttatac ccacaggaga aatacaaaata tgagttgggt 110160
 tcctaggcca gctcattaaa ttgatttaaa ctatgaatat ttagagtatg ttattttggg 110220
 aggagaaaca aataaaggac aatattattt gaataatggt actgcaatta gacagaaaga 110280
 aaacaatatt tctactgttg tcttatttac tttgttgtga gaaccaacc agatggctct 110340
 ttgatcttgt agcccccata ttctttgggt gatataagta aagggaacag tgggtgggaat 110400
 agtggcaaca tctagagtgt actgtgaagc tctcagggtc tttctcagaa atttgggtgtg 110460
 gaggttagtt ggggtggggga cagagaagga atctagttca tgcccaacat tggactcagg 110520
 ctttcatgat cttggggcag aagtgtcatg caaggattag ctgtgagtag aagaaaacag 110580
 agaagaacca gcacctgcct gacctgccag gaccaagaaa gtatcctcat ggaagaacat 110640
 ttccagggtg gacagggaag ggatggggac aacagcctat ttttttgaga aatacagtc 110700
 aacttgccag catttcctgt aactaaaatg aggccatcta gtagctggca gccagcagct 110760
 tcatcagctc cctcctgggt aagaaagctc tggagcaaaa gaattaattt ttttcacttg 110820
 cccatggcct ggggaagttct tatgtgggtt cagaagaaag ctattgacca gggagtgtct 110880
 tcctaggga taagcactgg tgtcagtatt ttcatccaat ggaagcttag gtgagaaaaa 110940
 atttcagtca ggtgaagtat atttgaacat taatatattt ttttcaatga ctagcatgaa 111000
 atggttgata caaactctgc agatagtact aatttggcct gatgaatttt aaaaggggtta 111060
 ataacatagc agatttctaa ttgttaattt gatattgatg gaggagggtc agtgcaagat 111120
 ggctgaataa gggcccccact gatcatgccc ctccccagga acaccagggt ttaaaaaaat 111180
 ttaaattttt aattcttggt ggtacacagt agatgtatat atttatgggg tacatgaaat 111240
 attttgatat aggcattgaa ttcataataa tcacatcatg gaaaatgtgg tatccttctc 111300
 ctccagcatt tatcctttga ggaagaccaa gttttacaac tgtctacaca aaggaaccac 111360
 cttcataaga accaaaaacc aggtaccagc tcagccacag tgggtgtagag gaccaagtga 111420
 gatcttgag tccctgattt catgtcttag ctcttgagata gcattgctgg accttccctg 111480
 ggccagaggg gaacccactg ccctgagggg tgagttccag gcctgggtgg attcaccaca 111540
 agctgaagga agagtcctta ggcccttaatt gagcatcagt ggtagcctgg gaatgtccc 111600
 tgtaggcctg tagtgggtgg ggccatgggg tgaagctcct ctgcacatag gaaggggagg 111660
 aaagagtggg aaggactgtg tcatgtgact tgaagtccag cacagccaca ggtagaatat 111720
 aacaccatgc agatttctaa ggtttttaac tctagtccct ggctctggga gagcatctct 111780
 ggacctgccc aggacctagg aaactcacac ctctcaaggg aaggacacaa acctggctgg 111840
 cttcatcatc tgctgcttgt agagctccag ggcccttagt gaacataggt aataggaagt 111900
 agttatgggg gccttggaag agacctgggt ccactacagt cccagtagtg gtgaccaaag 111960
 gagtgcttgt gtcacccac cccagttcc aggcactta atacagagac cccatttggt 112020
 tgggagaaaag taagggaaga gaacaagagt ctttgccttg taatccaaag aattattctg 112080
 catgttatct aagaccacca aggtggtacc tctacaagtc tgtaagaact acagtgttac 112140
 tgggcttggg gtggcccaa tgcagatgta gcttagatca caacaccaa gtattttcaa 112200
 atacctggaa agccttccca aggaggatgg gtacaaacaa gccagatgg tgaatactac 112260
 aataaatacc taactcttca atgcccaggc actgatgaac attcacaagt gtcaagacca 112320
 accaggaaaa catgacttta cctaacaac taaataaggc actagggacc aatcctggag 112380
 aaacagagaa atgcaacctt tcagacagag aattcataat agctgttttg aagaaactca 112440
 acaaaattca agataacaca gagaaggaat tcagatttat atcagataaa ttttaacaaag 112500
 agagtgaat aattaaaaag aatcaagcag aagttctgga cttgagaaat ccaattgact 112560
 ggagaatgca tcagagtctc ttaatagcag aattgatcaa gtagaagaaa gaattagtaa 112620
 gctcgaagac aggatattgg aaaatacaca gtcagaggag ataagagaaa aaagaaaaaa 112680

aaaaaaaaaa gaatggagca cacctccaag atctggaaa tagcctcaaa aggcaagtct 112740
 aagagttatt ggccttaaag aggaagtgga gaaacaaata ggagtaagaa gtttattaaa 112800
 aggaatagta acagagaact tcctgaatct agaaaaagat attaataatat aagtataaga 112860
 aggttataga agaccaaaca gatttaactc attaataaat gatgtggcaa attcatatac 112920
 tcctgttttg ttaattctgt gggagagcag gagaagggag ggtagttca ggattttctt 112980
 tcattcctct tactaaagaa aaatttagtt gtgttaacaa gttcttattt caaacacgca 113040
 aatttatttg gcaagtatta aatcttatca ccacacttca ttgtttacat tgcttttta 113100
 atttgtttta agtcttgga tccctagttg agactagtct ttctatagga agtcaaattg 113160
 ggattgaatc tttcaaattc caggattggg cactttgtag cgaggagcat caggggag 113220
 gaaagagtgt ggccatgaga gcctgggcag ggcctgggtt tctgatgaag gagaccctt 113280
 tggataggag cataaggtaa aatgtcccat gatccatagg ggcattgtggc agattgtatt 113340
 ttccaaaaat ggccatcata acatatcact tctcacatgt tcttttctca catgttctt 113400
 ttataatgtg atgttgacac actcttactg agaggtgggg tctgtgttcc ctacacttta 113460
 atttggttaa gcctgtgatt atggcaaaat tgatgctatg tgacttctga atctaggtaa 113520
 taaaagcaat atagattttg cttggttctc ttgaaattct tgttcttgga acccaactac 113580
 cctgttgta ggaagcctga gtggcacatt gagagaccaa catggagagg gccacattga 113640
 gaggaaccaa ggcctttggt ctttactccc attgagcttc cagctgatag ccagcatcag 113700
 ttggccagtg atgtgctgta gccattttgg aagtggatcc ttaagcctca gttgagcate 113760
 accagcagat gctgtgggga gcaggttcaa ggcttccctg tcaatctctg accaaaaaga 113820
 ttcatgatca aaatgactga ttattgttgt tttaaggta taaggtttg ggtggtttt 113880
 tatgcagcag tggtagctgg agcaggactt catcaggaga acggcaagca ggagttgaga 113940
 agtagcctct aatctaggcc tccatagac aatctggcag tgtttgttt ctttatgtca 114000
 aaaggtcaa taaattgctt aagagaagt gcttgtgcca gaaaagcaat ctggcactct 114060
 acttgcctgt ctgtttgatg ggtagaacct aagaacctgg accacagctg agaacttcca 114120
 gaccagcaac ttttccatgt gcctcagaac tcttcttcca ttcctcctga ctttgccctt 114180
 tttctcccaa ccccccactc aacgtcacc ctagcactgg accatctgac tccagcctta 114240
 tctttctatc atttccatga ttcatgtgta tgctggagct cataccagct cataagacct 114300
 aattatccac atttcttctc aagtcaatgt tcaactgatg cacattagta acttgaaaac 114360
 aacctggtta tttataccat ggaaatttgt aaattagggc ttctcctcct acctcagaaa 114420
 ggcagtgtac cagaatagct cataccttta gccttactcc ttcttgcccc tagggtggtta 114480
 tttgcagaag ggaagagacg tgaagacatg aaggtttctg tctcaaagg aatgataaac 114540
 atataaaca actgctgtat actgttatag tgcaatacat attctgatgt ataaagcaga 114600
 gagtgattga cagctgggga taggggtaga gagcatcagc tacagtctta gagagtgc 114660
 gattcctgct caggatgggg aaaaatggag aagagtttg gaaatgtatt tcaggtaaaa 114720
 agacccaatg tcaatgacca aaagtgggg gtgcccactg ggagaagagg gagggaaactg 114780
 tgcagggaaa gaaagtggct ggccagaaga accatttggc cagggccttc tcattcatga 114840
 agggcctcaa atgtatgtgt ttaaaattat ttccaaatga ggtggtatat gttaaagggtg 114900
 tttattttaa gccaaaattt cagatatatc accaattttg aaacttttat tgggggtattt 114960
 atttgtttat ttaaaatata tactgggaat ttaaaaatga ttacaaatga cttggacctt 115020
 ctctgactac tgaaagactc tgagaaatgg tatgaaagga catggaagca tgagaaagct 115080
 caggttcttc tgattagctg taggacaaag tgtgtatgtg gcaaggaggg gagtgttgtt 115140
 acatttgact gaagggcggg caggggtcag atggtgaatg acccatgtaa ttatgaaaag 115200
 aagcttgtag tttcatcttc tggagtatga gaaactgcta aaggctgtta agcagaggaa 115260
 tgatgtatca gtcagctttg ctgcggtaac aaagaactcc aaaaaatctc aggtacttca 115320
 tatattgatt ctttgccctta cctgaggact acagattaac tgagtttctg ctccagttgc 115380
 agtcctgctc tgatccatag ttttcccagt tccaggacac aggttatgct ctgaaaaaca 115440
 tggacaatac agtgctagag agaaagagca tgtgtctgcc tttagatcct ccaactcagtt 115500
 agttgtgaca cacttcatat ccaccatat tccactggct gaagcaagtc ctgtgccaat 115560
 tccccctgtg ggggaaggga aaaagaatat tcgcaaagag caatcaatct accaggggag 115620
 tcagtcttat tatgatgcca gctgggctat agaaaactga caggaggag aagattggtg 115680
 gagactaaa gaggagata ggtaggtctt ctattaacct ggcacattct actacttttg 115740
 atgttctgtc catcataaaa gagcctctgg agatcatata aaattattaa agcagttggt 115800
 acacagccat tcagtcaaaa tgtgaagcag ttcatgcccc ataagcagtg tcggtgtgtg 115860
 ccataattcg tcttaataga gtggctgagt aaataacagt tggttatgta aggatgcttt 115920
 gatcattggt tccattgcca acctacctcc ctaccccaac tccaaacatc ctttccctaag 115980
 ctgtatggtt tgcataaaat ctataactgt gaccttaaga atagctaaag atgcaaagaa 116040
 gctttgactt ttagccagtt tttctcttct gccacctgt ggtctccttg ttctcctcac 116100

tcaactggttt tgatcttttt cctccattag ccacattctt atggtatgga ggacatggga 116160
 ccactacaga ggagagagct ttgataatct tccttgaaac attgtaaagc tcagttgtgg 116220
 aggaaagtaa ttagaaagag ctggtatgaa caggagaaaa ttcacccaaa ccttggtttg 116280
 tcaataattt tatgggtcgt attccctaaa atgtgacagt atattagaat atgataagag 116340
 aaatgagttc acttttcttt ttaaataatc tttaaaaaat tcagctcatc agtcacacta 116400
 gccacatttt cagtgtctca aagccaaatg tggctggtgg ctattgtttg tagaaataag 116460
 aacattttcta tgagttcaat aaattctttt ggacagccct gaactatttt gctccagctg 116520
 ctttaagcct tatcttgga tttcttgcat tcaccctgct tttggattgg gcagaacccc 116580
 tgctgggttt aattgctatg cttagattgg tccactttag atagtttgag gttcttctgt 116640
 tctcatgtcc cttgatcact ccattgcttc cctctgcttc ttctcacaca gatgctgata 116700
 ctatgccagt caagtagctg tgtggtttgt gttccttcac ttgcacagca aggttcaagg 116760
 ggacacctta taacttggtt ttataataaa ttattattaa attataataa atattattca 116820
 tgagttttga gttttgttct gtagctgtct tgttttcata tgtggattca agaaagatct 116880
 aaaaactatg cttccactgt atctactgtt tcccccaaaa tgctcggaat cagcatttta 116940
 acaaaacccc taagtgattt acatatatgt taaagtttgg gaaacactga tagaggtttt 117000
 gagataaggt aggtcattca taaaaaattg ctatataata ttgttcctta agtactatta 117060
 cttcaagcag cccaatgttt ttattttcat ttatttatat ttagactgaa 117120
 tttagggtta tactcaattc tacctaagta aagactttca tttagggtga tacacactaa 117180
 agcaaaaccc actactcttt tattacattt ccattactgt ttccatagat tgaactgatt 117240
 cctcttttct agatgaatat atcaggatgc tcttcaatta catcaaaata aaacattatc 117300
 tagaagatca acaaaacttc ctaaccaact agagtcatgc attgctctgg ggcaggcatc 117360
 tgtttgcaga gtctggcaga ttttgaaggg taaatttagt taccttaaga caagcaaagt 117420
 ctgagttaca tttgtgattt attatcaatc aacctgtgct tcagaaattt tctcagtagt 117480
 tccggacaag ttgttcaatt tggacagatg gcaagtttat ggagttcagg tgtaatttgc 117540
 ttcacagaca cctgatccca gccttctttt tcattgcttg tattcatact ccctcagggg 117600
 tttatttget tatctcttca cagttgtctg tattttggaa aaagaaagaa atgcaaatta 117660
 tagacttcta agtaaaatac acatctcact tgtttatttc agctctcccc ccccccaat 117720
 ctgcttttgt atcagcagat ttaagacctg ggagtcaaat aagggaatat tattttaaaa 117780
 ggatggaagt gaagagtttt agatgattcc tatatggaaa tgtctggttg gaaactagaa 117840
 aaaagaaaca ctggtacata gaaatatagt caccatagt attttgggta cctaccgtat 117900
 gtattttaaca aaacctctaa gtgatttgca tgcattgtta agtttgggaa acactgacag 117960
 tggttctgag atatggtagg taaccaaaaca tcttttacct ttgaatatct aggtagtttc 118020
 tgtaatcaga ttgtccaagt ttcagttact ggcgccatt ccaggtaggt gcaactgggac 118080
 cactatagca ggtccgtttc cacaagttac tggctgataa atgaagtctt ctctatgtgc 118140
 tagagtgcaa gcaaatacta gtcatcaaag tgaacaggt aattgcaact catactacag 118200
 tgtagctgag aggatttcca aaacagagag tactgtagtc ttatatgaga attaattgat 118260
 tactaagtta ggctatgaat ctaattgttc catagtttct ttagccagat aattgcatat 118320
 cttttttatt tttattttatt tttagagatg gtctcactct gttgcctagg ctggagtgca 118380
 gttgtacaat catagctcac tgtaacctca aactcctgag ctcaagtgat cctccactc 118440
 cagcctctgg agtagctagg aatacagggt tgggccacca tgcccagttt atatattttt 118500
 attttttgta gagatgcagt cttgctatgt tggccaggct ggtcttaaac tcctggcctc 118560
 aaccattgtc ccaccatagc ctcccaagtc actgagatta cagggtgtgag ccactgtgcc 118620
 tggcctacca catcttttta taaccttaat aaattcatca aagtagagtt atatctccat 118680
 caaaccagaa tgggtgatcaa ttcactgtta atagaccact aagccctctt tccttccaag 118740
 caatgaaaag acaaaagcca aacttgtctg ccttcttttt tccatagaag gtctcatagt 118800
 ctgtgtgcc tatatttgcc gtggtgtgac gccctgcata gcttgttgtc taaggcccca 118860
 gtgattttta aaagtgaatt aaggttctat atagaacctg aaattacctt gggaaatcag 118920
 cccctgctta aaaggctctg tcagggttag cctgatttcc caactcaaga gagactttcg 118980
 tgatccaaaa tgctctgatt ggtgcaagat ccagaggcag gatagcatag agagtctgtg 119040
 tctctagagc cagatagcct gggctacaat ccagcttcta tgacctactc agtatggaac 119100
 cttgaacaat ttacctaatc ttatggtttt ctcatctgaa aaatgggaat aataatagtt 119160
 cctacctcat taggattggt gtgagtgtaa gttaatgagt taaaatatga aaggaacata 119220
 gaagagggcc tggtcatag taaacactat taacattcca gctatcattt tcattattat 119280
 tattataatt atcattattg ttgttaccat ttgtgttatt gatggagaca atctaatagc 119340
 tgcttccaag acactttaaa atgttctgga tcagggttgg ttgctcccaa gggttgttgt 119400
 tacagccctt ccgatatgcc caggccagga gaggtgtct agcttgttct gtttctaate 119460
 ttgtcctcaa ggagacccta agcctatgtg ggtgagcat aaatcatcag aacagagtgt 119520

gtaggtgctg agtgattgct agccttctgt tacttggact tgcaaatttg atttcttttt 119580
 ttcagttttc agattattat gtgtgtgtta ggctacataa cagaatgtga tcaatgtaac 119640
 tttttaaaag agaagtttta aaaagtattg gatgagaact aataccaata ccaacatgag 119700
 ctgatctgac atggtacctt tctgggcaaa ttacttcctc tctctgagct ttggttttct 119760
 cactgataaa accagagttt gaaatgagca aatctttata gtctcttgta actctactat 119820
 tctgtgtaag aagacattct tgaagtttga attatagatt cttctgtggg gaaataacca 119880
 agtatattgt ggcaattcat aacataaaca ttctacatta gtaaaagtat ttggttcaac 119940
 ttgatgatta tatattttta gtgatattta gccctcttg ttttcctaag gaaacttttt 120000
 ttttcatagt ataacaagta ctgacttggg attgtctgtc tttttctttt tagccattct 120060
 gatgagtgtg tagcatgtag tggtagtaca cagtggttgt aattcgcact tttctgatga 120120
 ctaaaaatgt tgagcgtctt ctcatgactt ttggccattt agcgtccgtt caagtctttt 120180
 gccatttttt ctattggatt ctctcatttt tcttattgct ttatagaagt ttttaattaat 120240
 tttatccata ttttggtagt ctgatgaata tttgaattgc aaatatctta cactatgtgt 120300
 cttccttttt actctcctaa tgggtgtcttt ttatgagtag aagtttgtaa ttttaatgaa 120360
 gttcatttta taagttcata actttatcat tagtgccctt tatgtcttaa gaaatctttg 120420
 cctactccaa gatcatgaag atattctctt gttttctttt aaaactcagt tttctctctc 120480
 tgttttcttg taaagctgac tcaatttcat tctgtctttc acagtaacat ctatctataa 120540
 ttgatctgtg ttgtatgtg actatatggt atgagacagg aatccaagta cgtttttttt 120600
 tatatgaata tttcaattggc ccagcataat ttgttgaaaa agccatattt tctctacca 120660
 tgcagtgggt tatttttgca ttaatcaagt gattaaatat gtgtgaatct gtttttgagc 120720
 cctctatttg attgcattgg tgtatatttt ttcttctttg ccaataccac actttcatag 120780
 gtaataatac tttataatat aagctatata actttataat aaatcttgat atttggtcac 120840
 acaaaacttc caaattagtt cttgtttaat tgcctgtggc attcagggtt ctttgtattt 120900
 ccatataaat tttagaatct gcttttcagt tcttgccaaa atgtctgcta ggattttggg 120960
 tggattttca tgggcctctt taagtgtgtt tttgtgcaag tttatagaaa taaagggctt 121020
 tgtattcagc agtcttgctt aattccctcg ttaattctaa cagtttgtca ggtctttgga 121080
 ttttttctg tacacaatca tgttgacatg attaatgaca gtctaagtgt ttctttacta 121140
 atctttatag atttttttaa aaatttactt tttctggcat tattgctttg ggaagcacct 121200
 tcattacaat gttgaataga agtgatgata gaaggcattc ttattttgtt cctaattctca 121260
 gaagaaaata ataaactttc aatatttcac caataagcat aatgtttact atatatattt 121320
 aagcttcaaa aaatcagatt aaggaagttc cctcctatat ctgggtgtgt aggagtttt 121380
 ttctttttta aaatataata aattttgaat tttatagaat gctttttttg catcagttga 121440
 gatggtgata caatttttca acttttttct ataatagagat atattttgat tgatttattt 121500
 tcataatatta agtcaactct gtatttctga aataaaatct acatggtcac gatgtattat 121560
 ctttttaata tgtcgtatct tatttgctaa tatgtgtgtg taaatttggg ttatttgaat 121620
 caacgttcat gaaaacattt gctcgtatct ttcttttccc ataatatcct tgttatattt 121680
 tagtatcaaa ctgtcctggt tcttacgaaa tgaagaggtt gagtaagatt attgttattt 121740
 atttcttaaa tttttggaag aatttatcag taaagccatc tggctcctgga gtttttcttt 121800
 gcaagagctt tttattattt ttttttctg tattcaacaa atatctatat tgagaagata 121860
 aaggtagcca ctgttctgtt gttgtgctga aaatacattg gtaggcaaaa acaaagccaa 121920
 acaaatacag ggtccttata aggattgctt tataatatatt acttttgaga tagaggggtca 121980
 ggggatactt ctgttgtcta tctcagttat tattattttt aacttttatt ttaggttcag 122040
 ggggtacatgt gcaggtttgt tacagatata tatatatata tatataatat gtcacaaggg 122100
 cttggtgtac agattatgtc attacctagg tgtaagcat agtacaaaat aggtagtttt 122160
 ttttcattaa aaataaattt tatgcataca taatagtcgt acgtatttat ggggcacatg 122220
 tgatatattg atacaagctt acaatgcata atgatcaaat ctaggttatt gaggtattca 122280
 ttgectcaaa catttatcat ttctttgtgt tgggaacatt ccaagtcttc taactatttt 122340
 gaaatatata ataaattatt gttaactata ttttttgtgt ttaaaccctt atttatttgt 122400
 ttgcttatag tttgttacag caaccgcctt ctttattttt atttttgagt tctcaacct 122460
 cctcctctcc ctctaccctc aagtaggccc cggtgtttgt tgttcccttc tttgcattea 122520
 tgtgtagtca atgtttagct cccacttata agtgagaaaa tgcagtattt ggttttctgt 122580
 tctctgttta gtttgctctc aggttgatcc atgtgtgtgc aaaggacatg atctcattct 122640
 tttttatggc tgcataatat tccacagttt attttcttta tccagtcctac cgttgatggg 122700
 cgttgagggt gattccatgt ctttgctatt gtgaatagtg ctacaatgaa catatgcatg 122760
 catgtgtctt tatggtagaa cgatttgtat tcttttgggt atatatacc agtaatggga 122820
 ttgctgggtc aaatggtcac totgctttga gttttattat cttaaataag aaattatctc 122880
 tgtttaatag ataaaaacta ttcagattat ctttttcttc ttgtgtcgtg agttgtgttc 122940

E!
 cont

ttaaaagact gttaaacttca tattatcaaa tttattggaa aaaacatggt tataatgtca 123000
 tcttaatact ttctaatact tgtggaatct acagtgttgc acttttttct atttgttctc 123060
 gttaatctgt gtttttttct gatttttcttg atcagccttg ctagaaatct attaaatgta 123120
 ttagtcttca ctgattttgt ttctattgtt tatttctatt tcattaattt cttctctttt 123180
 aaaatttatt tccttaaaact ttcttttggt tgatttggctg tttttttaac ttctcaaatt 123240
 gacttatacg gtagatatta agtttttttg taatatatgc atttaatact ttttaattta 123300
 ctgtaagcac cttaaactgca ttcaatgtgt tgatatttgg tatctttatt agcattccat 123360
 taaaagtgtt ttctaatttc ttgtttgacc taaggattat ttagatgtgt atttcttagt 123420
 tttcaagcag ttggcaattt tatagttttt caattatctc tttttctctg tcactctgtt 123480
 attcatgtct agcacaaatt tactgtggct tgactttgaa gatttcagtc cttaaaatct 123540
 gttgaggctt gctttatggc cctgtatatt gtcaattttg gtaaatgttc catgtgccct 123600
 tgaaaaaaa ttgaattctg ttattgttgg ttgcatttac atcaacttgc caattatgtc 123660
 cattttgtca tcgtgtagat ttttctatc tttattgatt tttttaattc tgtcagttct 123720
 tgcttcatac acacacacat gcacatgatg cacatgcaca cacgcacaca ttattgggtg 123780
 tatatggatt tagaattgtt ttatattcct ggtggtttgt tttattaatc caccatctta 123840
 atcttagtag tgtttcttgc cattttgggt tttgtatggt ttttctatca acctctctgt 123900
 attcctatat ttaaagtttg ttttgtgagc agaataatcc ttttttccag tctgataatt 123960
 tagtttttta attggagtct ttccctctct gtgtcatttg ctttattttt gtcatgaatt 124020
 tttattctac ataattttta aacaccacaa gatattgtta attttatttt gtagagttaa 124080
 tattcattta tgcttatttt ttggtgctct ttatttcttc ttgtactcat tgtttttgtc 124140
 tggatcattt ttcttctgtt agaaaaattt atgtctagga ttttaagaaat gctttcctgc 124200
 tggtaatgaa atctctgttt ttgcttggct aaaaacatct ttatttcttc ttaatttgaa 124260
 ggactgtttt ttctgggtat agaaatctaa ccagatgcca tttaatagtc ttgcagatag 124320
 atgcaaaaatt tattgatttt caaataattt tcatcatttt taatatttac attgatattg 124380
 gtattctagt tgatttcatg cactttcttc taacatctcc ctcttcttcc tagcattctt 124440
 taatggaaac agtctaggat ttggaaagat aaatgcctta attcaagagt cagtctacc 124500
 atttactacc tatgtgacct tggccaagtc atttaacttt tctgagcaa ttttcaatct 124560
 ataaaaatgg gaaaaatatt acacgggctc tatttctactg ggaagttata agggattgtt 124620
 gagatattgt cagtgtcttg taaaatgtaa agtaccagtc agctcagttg gaaatattta 124680
 gtgttattat ttactggaac agaaatattc tcagtgtaca tatccaaaat tctcttaca 124740
 atgcacattt ttactgagta ccacaaaata gttcaattgt attattcatg tatttatttc 124800
 tgtctatcct ttgttgattt aaggacattg ttaaaagtta cataaaatgt aacttacaca 124860
 aggtcaatca caagtttatt tcttatcttt caagtacta acatgaaaag gaaaacctgg 124920
 acagttacat aattcataat gtccataaga taaaaataat tcattattca ggagaagtgc 124980
 cattatttct taactaag ctcagacagg aatttccctt tcagtttttt ttttaatgat 125040
 gtagagttat ttaaaatatt ttccggctgg tttagaggtt attgatttgc atggttaatc 125100
 caaatcagtg ttggacttat ctagaatttt aatattctgt ttcatactca ccatgggaga 125160
 attatacatt ttaatgtggg cttcaagtag ctgctcttcc actccacttg caaatggatt 125220
 atattcagag aataataaat aatgccagtt tcttttcaa aatgcttggg tacacattag 125280
 agggaagggt aggtgctaa attaaaatta tattttgcat atataaaatt atcaaaactgc 125340
 cttaggaaga taatattcag ctgcatttta tgtattaaa gctaattcaa aaaatcctta 125400
 cattaatcaa atacttagaa ttcttactat gtgcaggcat actgttaact cttgatctgc 125460
 ttattctttg ataaaaaagc tgtcattcag acttactttt gtgctttatt ctttactttt 125520
 tttggttttt tttttggtaa acatgtattt aaatggaaaa aaactgtatg aaactgcagt 125580
 ttttaagtcaa ctactgattg tatgtttgtg cctcacagcc aatgccccaa cacatctgag 125640
 gttttgtatg atgaaaaaat ttaaaatagg atatttgttc cttattttaa ttctttgact 125700
 ttgtcttcag gtcactggca tgcattttgt atgagatgtg ctgcatgaat catgcattcg 125760
 ctggctccaa tttcttatcc attgttttaa aaattgttga aggtgacaca cttctctcc 125820
 ctgagagata tccaaaagaa ctaaatgcc aatattctgt ttcatactca ccatgggaga 125880
 tcacagaaat aatttaaagt tgtacttata ttttagttta cctgaaaaat aattttctgt 125940
 ttaaacatta cagcatgttg aacaagaatc cttcattaag accatctgct atcgaaattt 126000
 taaaaatccc ttaccttgat gagcagctac aggtatttaa aatgaaaggg attctgggaa 126060
 acaggatga gcaattgtat acacattcca tgcattgaag atatgcagt gggatagat 126120
 tcagtaagaa tcaaccagaa aggaggaaaa agcccaaaaa gaagctgaga ggccgaggcg 126180
 gatggatcac gaggtcaaga gatcgagacc atcctggcca acatagtga accccgtctc 126240
 tactaaaagt acaaaaaaaa ttagctgggc gtggtggtgc gtgtctttag tcccagctac 126300
 tcaggaggct gaggcaggag gatcactcga acccaggagg tggagggtgc agtgagccga 126360

gattgcgccg ctgcactcca gcctggcaac agagtggagac tctgtctcaa aaataaataa 126420
 ataaaaatTT tttaaagctg agaaaaatag tagtcaggac aatctctttc caaaaaaagg 126480
 tgtgtgtgaa cctccattcc ccagtgccac tgaaaaaag aagttagggt tctgatttta 126540
 tgccaaaact caacatccac ccttgagct ctgttgacag atcttacctg aacactttgt 126600
 aactatatcc ctgcaaggac aagaatatgc taacagagga tgctaaaatc taggggtatc 126660
 attgaccatt tataattcca atcctttatt acatatctca ataatacttt ttaatgatta 126720
 gctagggttta ttttgttttc ttgtaaatta ggaaatttga catagaggct gtgtctcagg 126780
 tattaagaaa gcagaaaatg gtcccctctt tagagggtct ttgtttgttt ttttttaaaa 126840
 cttctcaggg ttttacaata caggctccctg aagcaagttt cctctgtaat tttatgcgta 126900
 actttaagag gaaccacaaa atgggtcatcc actttaaaaa ctgtgggtac cttttcatca 126960
 gtggggcatg ttccaaaccc aaaggaagca aaggtgataa atgatgtgta cttattagtt 127020
 gagtgtctgg cactgtgctg acaccagggg atgccaaaat gaaaggaaca ggtatgtttc 127080
 ctgtcctttt gaagcttgac tgctagttag agaatccaat aaccaagaaa aagtaaggat 127140
 gtaaaaaaa taagtatatg cctagcactg ggaagaaagt ataataaaca aacaggatac 127200
 tgtaaaaaa agggagaaaag gaagggtctt ggcggtcaaa ggaatagggt acatttcttt 127260
 accagtgaac caatgggaag caaccagcca tgtaaagagc ctcaaaaaa gtgtttgaat 127320
 cacaggaat agctggcaca gagaggtcct gattatgttg tgccttgagg gtaggtaaca 127380
 atgggagggg tcttatgcaa gcatatgctc tcagggaagc ccatgcggtc atggggaagg 127440
 ctgacagga gagggaggca ggcttaggtt tctgatact tccagctctc cttctgtgca 127500
 ggccaaatgg gatccagtag aacctgcagg tggctctctg gaaagagcct catatgctgg 127560
 ttgtggggat caaaaacaca ctgaagaggc tttgagcatt caaaaaaaaa atgggtcaaa 127620
 aggtattcac agggatctgc tgggaccaag atgaggcaag tgaggccctt gactctgggg 127680
 caaaagttaa ggggacacta aaattcataa tcaagataag taatatttta aaaatccaga 127740
 ttaatgctta aaatcccagg taacaagata ttaacacttt aaagacagaa tccagcaggg 127800
 ccaggattag ggtgaggtaa gtgaggtgga attgtgcaag ttcaggggtg gatcctatct 127860
 ttaaagtttt gctattgtat tctttatagt tttttgacat taattttgat ttttaacaat 127920
 aatgttcatt aaaattattt atcttggcta ctgagttttt tgggtgccctc ttagattttg 127980
 tgctgaagt atctcacttg cctaaacctt gcactggccc tgggagtgtg gatactgtcc 128040
 tctacagtct gggaggttg aaaaagcttg tgtctcttg tagctgaaag taggcctgcc 128100
 catgattggc aaaagggagt gagagagcaa gcagtgcaag atgaagctgg agagacaggc 128160
 aggagcctga cctgcaaga tcttcttgga aaagctacat gtaattttac ataaccagg 128220
 gaaaactagc atgctttgtt ctgaggtccc ctgccatgg caaaagcacc ccaaactcga 128280
 aaagattctt ggtaatttat tccctttcat cctaaagag gagcctttta gatatgtcag 128340
 ggtgatctt tttttcagaa cctaattgtt agatattcag aaatgactct ggaagacaaa 128400
 aatttgatt gtcagaagga ggctgctcat ataattaatg ccatgtaagt aattgctttg 128460
 tttttaaaaa gcccatcgag tgtaaatgtt aaatgtattt gtctttaaaa atctattagc 128520
 actaaactga ctgcatcgag tatcctagaa ttcacttaag tcttgccaag aaattaagga 128580
 gcttcaggaa cttggtgttc caaagccctt taccaggtt ggtagcaaat tgaaatcatg 128640
 aaagtttaaa ccactgcaca gcttacagat ctgagggtg gctctgcagt tgccttgcaa 128700
 ggatatagag aagttaatat ctcaaatatt tagtaacatt tatgctaagt agccttccat 128760
 aataaccata aatggctttc acatgttgtt tgtttaatgt gaactggcag agtatctatt 128820
 gacaagaaaa cattgtggag tctgagaca attgaaaata agccgaaatt cactttcttg 128880
 aaatatacat tcttcacat aagaactaaa cattgtattc cccaaagaaa cataattatt 128940
 tctgatcta acttctctct cctacctcgt tcaaaatttt tgttctataa cttgcaagaa 129000
 cccagaatac taggttctta tgttctggat ttttgcatag ttttacagtc atgcacaact 129060
 atggtataca ggaggtgtgc aggacagtgg gatgaaaaca gaagccctca ataggctgat 129120
 ctgacacaaa tatactctc caacacccag tccaatgttt ctcaacgcta ccatgtttgc 129180
 tttccatcct cactttcaaa ctgaggaaat ttgcatgac tccagttaag atacactata 129240
 taccacaggg ggtaaatTT tagacgtgtt ctttaataacc ttgtttttat ggtttattac 129300
 ctgctatttc aagaaacgtc gaaattttcca attgtatttt attactaga gatgtaagag 129360
 tagtagatat ttttttaata ctggactagt ttttagctatt attttgtact gtagttataa 129420
 aactgacact gtttacaatt aacagtgttc tagaatccag ttgtttggag ggtattttac 129480
 attatgaaat attgacttca gatgggtcact gctattttcg agatctatga ctatgtttca 129540
 aggagatcca ttggtctgac aaaataagag atgtatatc ctgaaaattg catgtcctct 129600
 ggagtctgtt gtctggatgg tatcagagag gtattagaac tgtcctcaga ggtcattaca 129660
 attttctcat agtgtttgtc aaggaaagag ttgggtgtga aaggtcttct atagtattgg 129720
 gtcctaacca agtcaggaag agaagcaaat gccattgaga atgtgggttg agttctttca 129780

atgtgccttc cctctgaaga cttttagaag tgtgccagtc atccctgtct atctggctgc 129840
 ctctagtcgg ccactctgcc ccttccctca tgctaaattt tattgattgt gtcttctatt 129900
 ccaggcttaa tacagtagat attttttgct gaggtatggt gtatgggtta attgcacaga 129960
 ttaataacac tctctcaatt caaattctag ttcccaggta atactctgta ttactttgga 130020
 caagttactt aacctctcta tgactataaa aaaaagtacc tacttcatag agttgctctg 130080
 catttaagtg agttaattca tgtaaagtgc ttacaagcat ggggttatta cctgctaaaa 130140
 tgttagccaa tgtgattatt tagcctcttt ttacagttaag gaaatatgct taacattaat 130200
 catacattga aagatgttta tgtgctggtt gttgggacg aaaacactga agaggctgtg 130260
 agcattccac aaaaaaaaaa aaaaagtcaa aaggtattca cagggatctg ctgggaggag 130320
 gatgaggcaa gtgaggccct tgaccctgtg gcaaaatttc aatgggacac caaaactcag 130380
 aatcaagatc aaattttaat gcaatattgt aaaattccaa attaatgctt aaaatccctg 130440
 gtaacaaaat attaaaagtt taaagacaga gtccagcagg gccaggatca ggtgaggcaa 130500
 gtgaggtgga attgtgtaag ttacaggtag gatcctgtcc ttaaaatttt gctattgtat 130560
 tctttatggc tttttgacat taattttgac tttttaaaaa aattttcatt aaaattatct 130620
 tggttactga atttttttgg tgccccctta gattttgcgc ctgaggtatc tcactagcct 130680
 aaaccttgtg ttggccctgg gagtgtgatc attgtccatt acagtctggg cgggtgggaaa 130740
 aagtttgtgt attcttgaac acagagtgtg ttattaatct gtgcgattaa ccactacacc 130800
 atgctgcaac aaaaatatct actgtattaa gcttgggaata gaaaacatag tcaataaaaat 130860
 ttagcatgag gtaggggaca agatgcccta cctctagttg gctagatgca gccagggtgag 130920
 ccagggtgga cagctgccac tgaggggacca ggatgactgg cacactccta acagatcttc 130980
 agaggaaaca actgagagtg gttggagaga agacacagaa gctgggctga agggggagga 131040
 aggtgggaat cctgtatggg gccactgtac acctgtgcac cgggacctcc agtgacgctg 131100
 ggggaatggg tgagttgaac tggcagagag caacctattc ttgccacagg cctctggaat 131160
 cctggctgga ggacaccctc tgactaccag ggacacttga gttggtaggg agagctgctt 131220
 agagaagtgg taggggcagc acaccagctg atgtgaagtc cagagggttt ggtgcttgag 131280
 tgtctgcagc agagcatggc cagggagacc atccccctag gcttgacttg ctcccatggg 131340
 aggetttaga cccaggggaa ctgtcagact tgaactctgc aggcagtctt acccatcaga 131400
 gggggctgat ctgacctgag cacccttga tcttctggcc tctcctgagg cccagcctgg 131460
 ccattgctgc ttgcagtga gccacagggt tcttgggggt ctacatcata gctcccgtac 131520
 tgctgaggaa tcattgctga ctggaggaga gatccagtag ggaggcctgc tccttccctc 131580
 aactgcagct tctcagggt cacagccacc accctcccca tgttgccttt ctggcatcta 131640
 tatacatggg cagattttga ctttctgccc ctgccagcgt gcatgtgcat gcacactgcc 131700
 ctgctactgc tgctgacagg agtgtatccc acctcacctc ccctgccatt gcaatcagag 131760
 ccttggcggg cacagagaca gccagccctg gccctaccag caccctgccc ctgtaccaac 131820
 actgctgcta gagtgaaact aggtgcagag aacagcggac ccttccctgc cctgagtggc 131880
 caccctacc tgtgtcagca tgcacagagg ttgcacacag acctatgccc acaagtgtg 131940
 caccctgtgc taacaccacc accagcagga ccacatgcac agttgccagt ggagggcccc 132000
 ggctccctga gccattctgt ctctgctgct gctgtgaatg cccacaagga gacaggcacc 132060
 ctgacacctg ctagcaccct tccacagctg acaagtctgc acccctccac actgccactc 132120
 caccaccact gccgctgctg gcacatgcaa gcaaggatgg atctgctgcc accatcctac 132180
 aaaatggtat ggctggcacc atccatcaga gtgtagtga cagctgtcca ggagcacatt 132240
 ggccccccca ggcgaatgag ttgacgacct tgaggagcca gagagcaaaa ttggggccca 132300
 gtacaagtct cccagagtta gagcacacag cccaggagct gggagctgag cactggctgc 132360
 ctaaaatttt ccagaaacaa aaccagtcta ctgaatccac cttataacac aatcaaacc 132420
 tcaaagttat caagtagaat aaaaggaaaa aacatccaaa ggatagcatc ttcaaagatt 132480
 gaaggaactt cagcccacaa agatgagata gagccagtgc aagaacttcg agaactcaaa 132540
 aaaccagact gccttctttc ctccagggtg ccacagtacc tccgtagcaa gggttctgag 132600
 acagactgag aaggctgaaa tgacagaaat agaattctga atattaatag gaatgaagat 132660
 cattgagatg caggagcaca ttcaaacaca atccaaggaa gctaagaaac ataataaaat 132720
 gatacaggag ctgacagaaa aatagctagt atagaaaaga atgtaactga cctgattgag 132780
 ctgaaaacca cactgtaaga atttcaggcc gggccagtg gctcatgcct ataatcccag 132840
 cactttggga ggctgaggtg ggtggatcat ttgaggtcag gagtttgaga ccagcctggc 132900
 caacatgggg aaaccccatc tctacaaaaa tacaaaagtt agccagggtg agtggtatgt 132960
 gcctgtaate ccagttacca aggaggctgt ggcaggagaa tcgcttgaac ctgggaggcg 133020
 gaggttgag tgagctgaga cagcaccatt gcactccagc ctggatgatg gaatgagact 133080
 ccattctcaa aaaaaaaga atgcaatctc aagtattagc atcagaatgg acctagctga 133140
 ggaaagaatc tcagagcttg aagactggtt ttctgaaata agacagtcag ggaagaatag 133200

agaaaaagga atgaataaaa cctccaagaa atatgggatt atgtaaaaga ggtcaaataca 133260
 tgcccttgaa agaggtgggg aaaattgaag caatttggaa aacacagaaa tacattgcat 133320
 agaaacatag aaatttcata cataagaact tcccaacct agctaaagag gtcaacactc 133380
 aaattcagaa aatgcagaga gcctcagtaa gatcttcac aagaagatca tccccagga 133440
 cacataatcg tgaggttttc caaggtcaaa atgaaagaaa aaatttttaa ggcagttgga 133500
 gagaaaggtc aggtcacata caaagggag cccatcaaac taacagcaga tgtctcagct 133560
 gaaaccttac aagccagaag agattggggg ccaacattca acattcttaa agaaaagaaa 133620
 ttctaaccce gaatttcata tcttgccaaa ataagcttca taagcgaagg agaaataaga 133680
 tccttttcag acaagcaaact actgaggga ttgttactac cagacctgcc ttataagacc 133740
 tcctgaagga agcactaaat atagaaagga aagaccatta ccagccacta ctggtacaca 133800
 ctgaagtaca cagactctaa gtgacactat agagcaacca tacaacaag tctgcataat 133860
 aaccagataa catcatgatg acaggattaa atccacacag atcaatccta atcttgaatg 133920
 taaacagacg aaatgccaca attaaaaggc acagtgtcga gttggataaa gaagcaaggc 133980
 ccaactatat gctgtctttg agacccatct cacatacaat ggcacacata ggctcaaagt 134040
 gaaggatgga gaaaaatcta ccaagcaaact ggaaaatagg aaaaagcagg ggttgctgtt 134100
 ctaatttcaa accaaacaga ctttatacca acaataatca aaaacaaaga agagcattac 134160
 ataatagtaa agggttcaat tcaacaagaa gatctaacta tccgaaatat acatgcacc 134220
 aatacaggag caccagatt catagggcaa gtcttcagaa agctttacac cagtcagaat 134280
 ggtggtcat gaggtcaaga gatcgagacc atcctggcca acacggtgaa acccgtctc 134340
 tactaaaaag acaaaaatta gctgggctg gtacgtgtg cctgtagtcc cagctactca 134400
 ggaggctgag gttggagtga gccgaaatcg tgccaccgca ctgcagctg gcaacagagc 134460
 aagactccat ctcanaaaaa aaaaaaaaaa gaaaaaaaaa gtcaaaaaat agatgcttgt 134520
 gaggtgcag agaaaaagga acactcatal accattgggtg gaagtgtaaa ttagttcaac 134580
 cattgtggaa aacagtgtgg cgattcctta aagacctaaa aatagaatac catttgacc 134640
 agcaattcca ttactggata tatacctaaa ggaatataaa tcattctatc ataaagacac 134700
 atgcacgcat atgttcattg cagcattgtt cacaatagca aagacatgga atcaacctaa 134760
 atgccatcc atggtacact agataaagaa aatgtggtac atttacacca tgggatacta 134820
 cacagccata aaaataacaa gatcatgtcc tttgcagcaa catagacaga gctggaggcc 134880
 attatcctta gcaaagtaat gcatgaccag aaaaccaaat aatgcatgtt ctacttata 134940
 agtgggagct aaatgatgag aacacatgga cacatagagg ggaacaacag acactggaat 135000
 tttcagagg gtggagggtg ggaggaggga gaggtcagg aaaaataact aatgggtact 135060
 aggttaata cgtgggtgac aaaataatct gtacaacaaa cccctatcac ttgagtttac 135120
 ctatataaca aacctgcaca tgcattcctg aactttaaat aaaagttaaa aaataaaaaa 135180
 ataagattta gctattaaaa tactagcatt ttggaatact ttttatgtgc taggcactgt 135240
 gcatatgtta tctcatatga tacttactgt agcccattct ttacagatga gaaaactgag 135300
 attcaggag gttcagttac ttgccaagg ccacagagct aatgagtggg ggagggtgga 135360
 ttcgaacct gcctaactct aaagattatg tgttttatcc acatgggtgga attactgggc 135420
 cagtctattt actctttaat ggccaagatc ctaatttggt ttacattatg aaaactagtc 135480
 attggcgatg aaatgagcag gaatttgga agtaataaat ttccttttaa caaaaatcta 135540
 atttgaaaaa tgttgcttat taactacagt cctggttggc tcattacata cccaaagctt 135600
 attagttttt gcctggcctg tctcaagatg cttttgctct cagtagtgta gtgatacttt 135660
 tataaaatat ttgtttaatt tttctgaaca tgtttgggat gggctatatg aggggaatct 135720
 ttgttattta taggcaaaaa aggatccacc tgcagactct gagggcactg tcagaagtac 135780
 agaaaatgac gccaaagaaa aggatgcggc tgaggaagct ccaggcggct gatgagaaag 135840
 ccaggaaagct gaagtaagct gcttttcctt taggcactca tgctcgggac tacttctcag 135900
 ggctctcagg gaatttacag agaaaagcaa aaacaaaaac agggaaacccc aatgcatacg 135960
 attatgtatt tatgtgttta ttcattcact tgttactctc aagatgatta ttgagccata 136020
 gattgaatgt caggtgctat taatatcagg ctttcagtct tgtgtgaagg gaaagattaa 136080
 ctatttggga ggttattagt gatgaaaata gggtcagttt ccaaacgaaa tctcattgtt 136140
 gttgacagct tctgcacata cccagcagg agacatcact gtttcacccg gattccctag 136200
 gtgcttgctg cgtaccttct accaggagac ctcacttatt tataggaagg agactttatt 136260
 ggcaggaaat tgttagcttt tggaagaagt agactggaaa cagagctctg ttctgtcaag 136320
 tgaagcattt agaaaagtct atgctcaggg cgatgttgct ggtgggagat atcactagta 136380
 attagagtat ttacatgaaa aagtgaatt tcagggtgta gccaggatgt agagaaaagg 136440
 gaacccttgt gcagtagtg tgagaatgta aatcagtaca gccattatgg aaaaatagca 136500
 tgaagattcc tctaaacatt aaaaaataga actaccatat gatctggcaa tctacattt 136560
 ggacttatat ccaaagaaaa tgaaatcagt atatagaaaa gatacttata ctccaatgtt 136620

cattgcagaa ttattcacag tagccgagat atggactcaa cctacgtatc catcaacaga 136680
 taaggggata aataaaatgt ggtataaata cacacaatgg agtactatct agcctaaaaa 136740
 agaagggat cccatcattt gcaacaacat ggtatgaacct ggaggacatt atgttaagag 136800
 aaataagcca ggcatagaaa gacaaatact gcatgatatc acttatatat ggaatcttaa 136860
 aaagttaaatt tcacaaaagg ggagagtaga atgggggttac taggggcagg ggggcatgaa 136920
 tggggaaatg ttgtcaaaag gtaaaaagtt tcagacagga gaaataagtt ctggagatct 136980
 attgtacagc atggtgactg taattaataa caatgttttg tatttttgaa aattgctaac 137040
 agagtagagc ttgatttaatt tatccacaa tgtatacata tataaaaaa tcacacagta 137100
 tatataaatc taaacatttt ttgtcaatta aatttttaata aagctgaaaa aatacatgta 137160
 taaaaatgga atttcaaaga ggcttagagc ctcaatttct gaaagactga tttatgtgtt 137220
 ggtaggttat caaatttcca aatttttctt attttttctt cctctgccaa tattttggta 137280
 gtttaggagc cccaatcaag aactagagag acagaaagaa cctgaacaca aatctacgca 137340
 tttgtttccc ttgttaattt atccaaaaaa tgatttagag gtgtccttgt acttagaatg 137400
 aatatcacga taagccaagt aagaatctat gactctatct tcccgtaca tttgctttct 137460
 ttaataaatt ggtagagaaa gatttccatg aaagtacatt gtgagcagtg gtgtgctggg 137520
 aaatatttaa caaccagctc tgggtttgaa ggggactgct tatttgtttg ctgatttctg 137580
 tgatataaatt acttccactg tggccaatat caagctaaca atatgatacc atttaataat 137640
 cagttgggaa gatatttaca caatctgctc ttgagccaat acaagttgga ttctgcaaac 137700
 cactatgaca ttgagtgtga gttttactgg gaaaatatat tcacataaat tgcttgagcc 137760
 attgcatcag ctacacagccc caaatctggt cgtaatacct cagaaatggg gatatttcca 137820
 aggtgccatg attcgtgtca ttggctgggg gtaaaaggaa aattaaatct ctgataggaa 137880
 cagattaaaa agggcaattt aataacatat acagattaca aaatacatta aaactgtttt 137940
 ttaatacaaa gaagtcacat atctttcaca tgatacacta atatattttt cttatttgaa 138000
 agtaatgggt ttaataaaag tttgggtctg attttgtgaa taagttgtat tgggaattgtt 138060
 tctagttgtt gattatagaa tcaaggggga tcatgtgttt tagctagaaa atgactctat 138120
 tgtcagaaga attataatgt acccggtttt gagacaaggg agtttgacta gaagggtgtt 138180
 cagtgtgaa aacctgagta taaattagcc cacaagtaat cataagaact caaatctttc 138240
 ttccagttta gttagcaggtc gcttaaactc actctcctgt aatagagaaa acaaagtaaa 138300
 tgtgtctaga aaaattcccc tgcgcaatga ctcccagata ttctctcata aatcctttga 138360
 tatgtagctc tagttttact ttttatgggt ttgttcatcc tgaaagcagt ttttgtgtta 138420
 ttagtatgtg ttaggcactg tgctaggcat tgggaacaca tagccctgtc attgcacttg 138480
 gagaactcac agagaggagc actgccttct cctgctgctg cattttggga tttgtaaggg 138540
 tgaataagga accagagtat cttgtgtgtg ctttaaaaga gaatcagccg ggtgctgcac 138600
 cacattcacc ttgatgagga agagacctga tggcctggct ttctaattcc ccagtcagtc 138660
 tgttgaaata aggatcacac tcatctgtat aatatagaca tgggttttagc aattcgcagt 138720
 tatttttcta cattcacttt aaatttacag aaagattgtg gaagaaaaat atgaagaaaa 138780
 tagcaaacga atgcaagaat tgagatctcg gaactttcag cagctgagtg ttgatgtact 138840
 ccatgtaagt accctcttat tttaaatttt acataaaaa ttttcttgct ttagattcat 138900
 ggcgatgatt gggtaggaaa agggacaagg gagaaaacaa gaacatccag attaaactca 138960
 cccaattcca ggaaggatc tagaatgtag gtcaacagct gtagacaacg attcaaagcg 139020
 gctgtagcga gaggtggatc aattgatcca ttttaacaaa atcaagctcc tactctgtac 139080
 aagacaactg aattggcact gaatgcataa ctgatgggtt aaaatgatta gctgacagaa 139140
 caaatgtgtg tatatctaatt ttttaattcc acccatgcta ttgttgcttt acctctttag 139200
 tacattgttc tctttgtctg gtttttatcc ttttctttt tattttgttt cctaccatt 139260
 ttgttgtaca ttgtgttaatt aatttcattc aaattttaac tgtcatagat gttcaataat 139320
 gaatagagtt gcagattcac atgaaatgac cccaaattca tgtcctcggc attccaaatc 139380
 tgtaaatagc aaacaccatt ttctctaatt gttgacaata tctccacagg ccttgggtag 139440
 gctctgatta ataagggtgt ctttacaacg tcaaattttg gcaatagaca tcaataccaa 139500
 cctcatagca cttcaggtaa aagcaacttg ggtatgaagg atttttatag agaacttcta 139560
 ctgtctcaaa ttctgatatt tattcacgga gatccctgca tgtgagagat tctctccttt 139620
 agcaggaagc accaagctcc ctgaggctgt ggggacaatc ccccaagccc caggagatct 139680
 aattctgttg tagcttagtt atcagatggc tccaaagcct ggggcatgca ggagacctca 139740
 cctcagcca gacaggcccc ctctttaagg gggagatctg ccagtaatgc atctttctca 139800
 attatttagg ggttctgtgt gctttggagt tctaaaaatc ccaagtgggg accaataaga 139860
 ggcttagctt cctctaattt caggagtctt cctctgtttg atggaccagt tagcagacaa 139920
 tgtggggatg atggtaatat gtgctcaatt ccatccccct tttcccaccc ctctgacaca 139980
 ccatttaagt gaaggccccc tgtgggatct gttgcaggct acagagaatt gggagatggg 140040

ttcttttctg ctcaggggaac ttggcgagtg aagaacctgc tgactgaaag gccatggggg 140100
 caacaatagg gctggatccc tagttggaga aaggtcttga tgccaccact atggaaggac 140160
 tcaagccccc tctgaaaact ggggtgcattt cttcagcttc ccacacactt ctaggccctg 140220
 caaatgatag cctgttaagg tggctcttct tctctgggtgc agtctgcttt gtccccctgc 140280
 agtgcagaga actgcacatt ccacaaaac ctgacaagga ggctgacaga attataagaa 140340
 ttccgagttt gttaatgtgt aaagtacttg tttattcagc tatagaaatg gggacatact 140400
 tttctagaat gctcagagat gttgtatttc ttataagtc tctgctaatt catatgctgc 140460
 tggctcgatt cctatgtaca ctctgattaa taatgaatag aaaatgggcc tcctgaaagc 140520
 agtacttcac ctcagatgag ggaagacttg gaaaaccact gctcagcaga ccttgtcata 140580
 atctcttcag ggtcttgtct tcctcttata aatcagggat cactgattct aagggatttt 140640
 cccctaaga ttgaaaattg agaagtacag gcatgggtatt attttgttct ttaaaatcta 140700
 aatgacttca ttcttgaagt taccatatgg caaaaaagaa atgtagtttc aagtatgagc 140760
 ttaaatatta gtgtctgata atttacttac cttttttgct tttcttcttt gacccttcaa 140820
 gatcaccatg tttgtgttct tttttatttg atggaattat tattgggtgtt ataactatac 140880
 tctatgaggt cttgtcttcc tttataaat caaggtcctt tgggggccct gaagtaactg 140940
 aagataagcc tgagaccata tggcaggcag catcccaaaa aatgttctta tgcataatatt 141000
 actccacaga acatgggagc tagacacaaa gttctgatct tggcccaact cagatgaaga 141060
 aagagaggat ttcacaagga tcctatgaac tcccaactca tcacttcccc agtgacttcc 141120
 cattttcatc ccttcccat cagcaaggag caaaggggagc aggaggggaa gcgaccgatg 141180
 ctgatgctgt tctggacaaa gactgtggtt tattctttga tcttctgaga ttagtgccac 141240
 cactgtcttt ggccctgagc tttccagaag catgtttcct atgtttatat attgatgggg 141300
 gcagaaatgc tccaggcaga tagatggctg ttgagtcgt tctgtttgaa cactgtgtcc 141360
 tcttgccagc tggttcaggc ccacagactg gatggctcag catcgccagg catcctgcc 141420
 tcttttgtgc agtcacatca gtcatttccc tctggcacat tgtcagcatc ccactctct 141480
 ttcaattggt ttcaggaaaa ccttgtcagc ccacttgggt ccacaatcaa tggaccctcc 141540
 tccaaattct tatggcttat agtattctca aacttgaaat gcaccttgat tgcctatgaa 141600
 tcttgtaag atgcagattc tgattcaatt agtccagggt gcagcctgag atgttgcat 141660
 tctttttttt tttattttta tttatttttt tttttttgag acggagtctc gctctgtcgc 141720
 ccaggctgga gtgcagtggc gggatctcgg ctactgcaa gctccgctc ccgggttcac 141780
 gccattctcc tgcctcagcc tcccaagtag ctgggactac aggcgcgcgc cactacgcc 141840
 ggctaatttt ttgtattttt agtagagacg gggtttcacc gtttttagcca ggatggctc 141900
 gatctctga cctcgtgatc cgccgcctc ggccctccaa agtgctggga ttacaggcgt 141960
 gagccaccgc gcccgccga tgttgcatct cttataatcc ctctgctaatt tcctatgctg 142020
 ctggtctgtt tcctatgtat accttgatta ataataaata gaaaatgggc ctctgaaag 142080
 cagcacttca cctctagatg aagaaagact tggaaaacca ctgctgaaca gactttgtca 142140
 taatctcttt aggaaaaaac acatttaaaa ggaatggaag aaaaggagga gcaacctgag 142200
 ggaagacttt cttgttcacc ccaggacgag gatgaagaga ggtggcaagg cagggaagag 142260
 gcaagttaa tcatattcac aagcacaana gtgaggcagg tttaatgata tccagagaac 142320
 aaaggggaaa gaaaaaggga agccgaacac tttgcagagg agcctgaagg gttttaaatg 142380
 tagcaggaaa aaagcttcatt gagctgaaaa agatgaaata aatataggaa agaaattaga 142440
 ttaatcagat gcaagaggct aaagaaaaat gtgataagga gaagaggaag aggaaactgc 142500
 tcccatcttt gagtgctttc ctcccccttg cccatataca tgtttatgat ttaatttctt 142560
 gctaacttca ttggggctct gttctctatt cctttttgca tctctcttgc ctgggtggaag 142620
 caagctactt tatatttcaa aagcacttac aggagagaat cagagttatg ggagagaatg 142680
 ggctctatgt cgcctctcaa acatgttata aaaattattt gaggcattga gagagagtgg 142740
 cttgctttgt ttttcagacc ctatgtgaca aggcctttta ttttagcagg cattttctgc 142800
 ttggctgaat ttgggctttg aaatcttgaa gcaccatcga atgtggaatc atgttaggca 142860
 ctgtttctct aaagaatcac agcttaaaac agttggatac cataatacat aagacaggcc 142920
 aggtctgtct ttgatcctgt ggcataataca gttttgctgg ggctaaagt aggtctctgt 142980
 gaaaagtaca tagcagatca ggtctccata cgtggagagg taatggggat caaagatcag 143040
 accatgtcct tctctttcta agagaagcaa ttaatacaat tctatcttcc tcttcaaaga 143100
 gaaactcagc aaatcaaagt taattgagag tccaaataca tacttatttt caaataattt 143160
 ctgaagtgcg cgtaaagacg tatttcatgt actctctgtt ctttatctgt aaagtctct 143220
 gtgtgctctc agtgatcctt tgaaatctgg aaccaatttc gcctcctgaa acaattatta 143280
 tgcggtacag aaaactgact tcttaaaaac actttatgat gatattctca caaataccgc 143340
 actgcagtgt ggcattggctt cattttactt attaaagatta gtttgaactt tcttttaaat 143400
 tttcttttat taaaaagaca ctcttgaggt agtttcccat gaaaaccatt tatcaagaaa 143460

aatagatcaa ctcagcacca gctccaggtt caaacacaaa tacacacaca cacacaaaac 143520
taagggaaaa aggcaaaatg atttcttgaa atacctattg attttggcta aaccttttat 143580
ttttttgaag tgtgaattct ttcacatagt ggtctcttag atctttttct tttaggaaat 143640
tggaattcat agaatacacag agctttaaag cttagaggga acttgtaagt cattcaggct 143700
aacaccttta attttgagat gcagaaactg agcagggtg gagtaggggtg tggtaagtgg 143760
aacaccatag gtgccaaatt gaagaaggcc cccctcagct gtcaatggag tgagtacctt 143820
caattggtac cttgggcac ccacttggt tatctagtca tgatcctgaa actgagccca 143880
tgaagggttaa atgctttgtg caaggtcacc tgtctcattg attcagggtt gtttctctta 143940
tcccacctta cctcctgaag tttgaaaacg ttttaaggag aggattaggt aggcttgttt 144000
ccaagtagtc ttctaaataa gaatatTTTT ttcatttgtg gtagtgctgt ttccttctat 144060
cagcatctca tgaattgtta attaccttcc acaaggaaatc tgatgaacca actttagaga 144120
acctgectga gtctcagcct attccttcca tggacctcca cgaacttgaa tcaattgtag 144180
aggatgccac atctgacctt ggataccatg gtatgtgttt gcattgattt tcagaaggat 144240
gctcacagct gctgcacagg ttgctgtggc cgactttgca gtgggtctgt ctggcctctg 144300
ggagaagctc tgagtgtgtg cagctattat cagtttacca gggctgggtt atgaccagga 144360
tgaaaagtga agaagccaag gatttttctg tctctcttat cttctttgca atagttagga 144420
tgagttggaa actcacacct ggtgagagac cctctctggg tgggttaaac actgttctg 144480
ttaagctgac tttggaattg tgcaaaactcc gaatactctg gagcactgtg tcttccctgt 144540
tctgtaaattg gttcttccag ttgtcataaa tttaaattga agaaatgaag ccaggctttg 144600
gaaaatcagc tatgcagatg tgcattacca gaaaataaaa gtgctcagag caggaaataga 144660
aaggaggaggc ttaggatagg ctgactttgc tagaggactt cctgatgcct ttgctacctc 144720
agaccacaca gcaaacgagt acacttccag taaacctcta ttttcaactg gaataagact 144780
ttaattagtg gtccaaatgg agcagataca tgcaaatgga gtaggtacat cataagctaa 144840
tggttaaattg catgagtttt ggagtaaaaa agttggccct atcagagaag gccctgacaa 144900
cataatctct ctaggtctca gttttcttat ctatgaaata agaataataa tgccttcttt 144960
cagggttggt gtgaatagca aatgagacgt ggcattgtga gtggtcttag ttcagtcccc 145020
agcacacagt aagtgtctaa gaaggggaag cagttatgac actttgagca gaggagggtt 145080
atcaatatag gtgtcttctc agtcttggtc accagtctcc caagtgccta gagcaaattt 145140
ccaggaacat gctaagcact caataaatat ttcttgagtg aattaatgag tggatgaata 145200
catgagtga tgttagtctg atcctctgag aagcagatgc taagactaga ctacaattgc 145260
aacgttactt ttagagaaaa tgcttatata aaagaaaata ggaaagagct agaaaaaacc 145320
aggggaacca ttagaccact gattaaagtc ttattccaag tgaaaagaga ggtttggtga 145380
aggtgaacta gattcctctg cagtttagagg tagcaaaggc atcaggaagt cctctagcaa 145440
agtcagccat cctacaggcc tgcctttgta ttccttctgt gctccagtag tagcccatcg 145500
ggaggcatca tagcctctga gagaatgcag agatggattt cagagcatag cagctgggat 145560
cctgggccag ttgcaactctg tgttgttgga ggtctgcaag tgcactctta tggctgcaca 145620
atgatgtaac agctcttttt ggcagcagtt tagctgtctt ctcaaattga gaattaaggt 145680
agtgaacctt ggattatctt gtcttctcac cagatttgca cttgaagtct tcttactaga 145740
gctgttaaag cctgtgctgc ctcttccagc tgtatggaga caagcacctg aagctcttta 145800
gattggcatt agccagcttt taaaatgggt ctatggaaac catcttgtaa cagacattct 145860
tgacaaacaa atatatattt cagatggatt tctgtcttag gccttttatg gtatttgata 145920
tattatttgt taatttccaa aagtgaattt tggaaagtata gaaatatccc atggacttct 145980
ctttctaaaa atagaaatgt cagagacatt agaaccagag cgactccatc ttgaataaga 146040
gctgagtaaa ataaggctga gaactactgg gctgcattcc caggagggtta aggcattctt 146100
tgtcacaggg tgagacagga gaccagcaca agatacaggt cacaagagacc ttgctgataa 146160
aacaggttgt agtaaagaag ccagccaaag tccaccaaac ccaagatggc aaagaaagtg 146220
acctctggtc atcctcattg ctcatatat gttaaattata atgcattagc atgctaaaag 146280
acactcccac cagcaccgtg acagtttaca catgccatga tgacatggga agttacctta 146340
tatggtctaa aagtaggatg aatcctcagt tctgggagtt tcccaccctt tctctggaaa 146400
actcatgaat aatccacctg ttgttttagca tataatcaaa aaacaactat aagctctattc 146460
agtcagagcag ctcatgccac tgctctgctc atggagtaat cactcttttg cctgaattat tcttctgctg 146520
ttcttaataa acttgccctc acttttctct atgaacttgc cctgaattat tcttctgctg 146580
aggtccaaga accctctctt ggggtctgga tgggacctt ttccagtga agaaagctga 146640
gaaagttagg caatatgtag ctcccaatac ctgtggcttg tgcctgctg gaggacagag 146700
ccatcactat ttatgcatag gaagccccag gacaggatat tgaatgggtg gtctaggacc 146760
aaaaagtctg agcttcttcc tggtttcaaa taggaaaagt acttaatact gcatttcata 146820
gatgagaagc caaagacatt aagtggtttg cttaaggacc acagagttcc tgctttctat 146880

ctagtataacc accctttcca tttcccccaa agtgtgtgtt ttcgggtggtg gtaggtagaa 146940
 gcaattgact tgtagaagaaac agaaaaacat gtcaaaggaa ctggactttc aaaaggcaga 147000
 gtctttgtca tgtgtctctt tgctaatttt tgtgaactgt tatagccaaa ttactcccaa 147060
 gctagccttg accacaggtt ccagctacta tggaaaaccc aagctatgtc cttcttacct 147120
 ctcatcttgt cttttgtcat ggaggtttca gtatggtaga cagtgtgttg atttaccagc 147180
 cagactggaa atcgtaaaat ctacttcttt gaccactttg ttcattgtgt aatgtaaaaca 147240
 ctatttaggc ctctatgata aactatcaga ttagaaaaaa tacataatag ttttaggtgg 147300
 atcagatgcc ttgtaaaata ctttaaacat ttcggttatt ttttcctgtc tgtaaattca 147360
 taccttctaa atgctattct ttcttaatat taaattcaaa aaataaactt agaactatga 147420
 aaatacagcc ttgataggca tttaggtcaa ttctatgtct ttgctattgt gaatagtgtc 147480
 ataatgaacc taaaataaaa gtaaaaaaag aagaaaaaaa gaaaatgcaa cctttgggtt 147540
 tgacaaatca ttagaatggg gggcaactac cagaaaatta gtgatcacag agattaattg 147600
 aagtgaatt ttgaaacatg agacttaatt tgttgatgaa ctctgaagtg gttaattatt 147660
 ttttgccttt tagaagatta gactgcaaac tttcagcacc caaaggaaat ttgtatttat 147720
 tttttatttg gcatgtatat gtaaaaataa attatacagt cattctttca aagctcctac 147780
 accaaacatt taattagtct ttgaggttga attggacaat tccctctggc atatgaggag 147840
 ttagtgtcag agaagaaga caggataaga cttattattt acatttgata tgcattagt 147900
 gactatagct gatttaattct agtgaaagtc atgggttaacc attataacca aatgagaaag 147960
 tacaactgga atgttaaaga aattatcccc catttaactt cttatatgta atgctaata 148020
 tatcttgac attaatTTTT gccaggaact tcttttgtac tctagcattt gttttatatt 148080
 ttatttttta gcaactcaca gctgactttc agagcagtgt tttttccaaa gctggaatag 148140
 cctgagactc tagggcctgg gtctacaagg agcatgactc cctacccac cattcagatg 148200
 tggagaatgc agtgaagtag gccttggtg cttaccaca tctgaccag ctgtcacctc 148260
 ttcatttcct gttagccac tctttaagca atcactgagc ccaatgctca gagatagctc 148320
 agacctgtag gtggttgtgc tttgcttgcc tgtaggagcc ccacatgcc tttacagttc 148380
 tgggctgtct atgacttaag atatcacctc ttctttttaa atgtccaagt ggaaataaag 148440
 tgatttgaac tttgctaatt aaatatgtta tgtttttatt gttttaattt taaaaagaaa 148500
 acctctactc actcactaat tccactttta gatagtatc tgaaagaaaa cctttactca 148560
 ctcagtaatt ccacttttag atagtatatc gaaaatgcat ctacaagaag acctgttcac 148620
 aaatgtttct agaagtttta ttcataagta ctcaaaataa aaaacaagtc aagtgtccat 148680
 caataggtga aaggataagc aaatttgtag tttgttgatg gaatatatac tctttgacac 148740
 tgaaaaggaa cacacaccaa tatatacaac aatatagata aatactttta aaattatgtg 148800
 aagtgaagaa agccacacgt aaaagagttc atactgaatg attccatttc tatgagttct 148860
 ggaaccagaa gtacttatct atagtaatag aaattaggcc agtgggtgcc tgggggtggt 148920
 agtgggtgga gttgactcta aaagggcaca tggaaacctt tttttgtgat agaaaagttt 148980
 gtaagtttgc tatcttgatt gtggtgatgg ctaccagat gtgtaaattt gtcaaaactc 149040
 attggactca atactttaa ttagtgcatt ttattgtata taaattatac ctaaaataaa 149100
 ttgataaatt aaaaaatat taaaatatc agaagaaca atgtaatgct tagctgtgct 149160
 atgtgttagc taatgaatgg ccaagaacga tgtgagtga gtcatggaga tagaaaacaa 149220
 ttgggaagat ctttgggtat cacctgggac acaaaactcct taatccagaa ggtgatcaca 149280
 ggggttgaga ctttcttcta gcatcagctg aacaacgttg tcttccacaa ggagtgttaa 149340
 caaagctttg gggctcttcc caaggaggaa agttggctat ttggagataa gggacaggga 149400
 tcttttagct cctctctctt cagtctttat agttgggggt ggaggtgcac acatctgagt 149460
 agcagagagc cctaccagca gatctaaaag gacctagtgc tcaactaaggc cactggagca 149520
 taatacaaca aaaggtgata gctcagactc caatgccag cccaagatgg agaagctggt 149580
 ggagctgcct ggctctttag ttctcagaaa agaagaccaa acaaatgcca ggggttactt 149640
 ccacattcct agatcttccg tcaactctgg agcttttagat gtcttcaaga cttgatttat 149700
 aaagataaat tgatgggtgt tttatttcat aattgtcact tattccactg agttacattt 149760
 gcatttcata atagtgtttc cacctgactc taatacttgc tctcaggaaat aaagatgcct 149820
 gcagttctca ctaatttctg agttctagag gataattaga atgaatctaa tactgaatga 149880
 agatgtgctg atttccacc ctgaggcata ttttaaat tagagtgttc cttctgtacg 149940
 acaagtcact aactaaaatt tcaaagatta tatccaattt gaaaaattaa gctgggtgct 150000
 gtctaacacc tgcccaacaa gccactttga catggcatcc taagcaaacg taatataaat 150060
 agggggaaaa ttagtcccag aacgtcaggt attcatgggg aaaaccagca cccacggaca 150120
 tctcaaaata agtaaacccg ctgggaaggc tatatgtcat cccatggatc atcacttagc 150180
 taaatataaa tcatatagta gttattatc taaaggtcat gctaataagg cagagggcat 150240
 ccttaagtgg ccttgcttgg gtcacatgg ctcagatttg gaacaaatca attagcaga 150300

aaattaaata agtatcaatc atagctttaa gggtggatag aaacaaatgt aatagagtaa 150360
 aaccttatag aatgtgtgtt tcagacagtg ctctgcatat accaccgtat ggttttcctt 150420
 tagttgatga atttattttc catgcatgca ggtttcacag ttgtgctcca tacttatgtg 150480
 cttaccactt ggagaacatt gttatgatgg ccaaaagaaag ctaagctgcc atatgaaagg 150540
 gaatctttca gatctgcctt tgagtcctga ctttcccatg tgattgcact gtgattttaa 150600
 ggaacataat ttctgtcatc tgcagttttc aaatttggtt ttcataata aaatgcagtt 150660
 agtaatacca atctgaaaaa tttactgtat taagtggagac aacatgtatt tgatataaca 150720
 catatgttaa catacagtaa catacatgtc tgttactgta tttcgtcaa tcagtgcag 150780
 gagctattac taccaaaaca gatatagaat ggtagatgg tgcttatcac ctctgtcta 150840
 cttgttagaa tcggacttat cttttaagac ccagctcaa gacgtcctcc ttgattcgac 150900
 gtcagaagat gtctcctacc aggactcttt gactaatctc cctgatcatt tttctccttt 150960
 cttagaacat atcctatgct gccttacagt actgagggtg tgaacctgac tgttgcccta 151020
 gcgtagggtg aaaaactggg atgtctttgt taacaagtct ttggaaagca ctttaaaaag 151080
 aatagtaagt agttatatta taaaaattac agacacagga tgaacaacaa cataaaaaa 151140
 acctattcaa atactactca cgtgaatata gtcagtact gcttaatgac aggaatatgt 151200
 tctgagaaat gtgtcattag gcaatttcat ccttaagcaa acatcagaga gtatacttgc 151260
 acatacctag atgttatagc ctaatgcgca tctaggctcc atggtatagc ctggtgctcc 151320
 tgcactacaa acctgtacag catattactg tctgcatat tgtaggcaat tgtaaacacag 151380
 tggttaagtat ttgtatatct aaacacagaa aatagacagt aaaaacacaa tataaaagat 151440
 ggtacacctg tatagggcac ttatgaatgg agcttgacag actggaagt gcatgggtg 151500
 agtcagttag tgagtggtag gtgaatgtga aggtctagga tattcactac tgtttactac 151560
 tgtagacttt atataaagc actgtatata taacacttag gctatactaa atttattttg 151620
 aaaatatttt tcttcaacag taaattaacc tcagcttact gtaacttttt tactttatac 151680
 aatttaattt taaaactttt tgattatttt ataactttg gcttaaaaca caaacacatt 151740
 gtacagctgt acaagaatat tttctttttt atactattct ataagcattt tctattttta 151800
 acattaattc ttttaacttt tgaattcttt gttaaaaacg aagtcacgaa cacacataat 151860
 agcctaggcc ttctgccttt cactcctata tctcgtccca ctgggagatc tccatggaca 151920
 ataactgca gggagctgtc acctcctatg ataacaatgc cttcctctgg aatatctcct 151980
 gaagggtttta cagttaacat tttttaaata agtagaagga gtatactata aaataatgat 152040
 aatagtatag tatagtaa atgtaaagta gtaacataat tatgattata ttgtacatgc 152100
 ttgtatgccc tatactttta tatgactgac agtgacgtat gtgtgtttac actgcgtcac 152160
 taggtaatag gaattttttt gtttaattat tatcttatgg gaccacaact gtatatgtgg 152220
 ttctgtgttg actgatacgt cattatgcag tgcagtactg tacttgact ttaagattgt 152280
 tatggcttga atgtctgctc tcaaaaactc agttgttggc agtgtgatag tattaagagg 152340
 tggggctcatt aagaggcaat tcaactcatga ggactccctc cttatgaatg ggattaagt 152400
 cccttatcaa agggcttgat ggagtgagtt catccctctt gttcttctac cttccaccat 152460
 gtgaggacac agtgttctct cactgcagag gatcaagcaa taatacgcca tgttggcagc 152520
 agggagcagc ccttaccaca caaccgaacc tgctgttgcc ttgatcttgg acttccagc 152580
 ctccaggact gtgagaaata aatttatgtt ctttataaat taccagtcct gtggtatttt 152640
 gtgacaatag cacagatagg ctaagaaaag gacagaactt gtactgacag tttcctatgc 152700
 agatttcaag gagagcttta tctgaaaaat atgagctgga agtaaggagt tgcacaactc 152760
 atagtcatga caaggacact tagtctgtat gcatgtgagg agtttaaaata attgtatttc 152820
 atgaaatttc agagtgggaa aaaagcagta gctctaaata ttttatataa tatgggaaca 152880
 taagtttaaa tttgttacta aattaacaat gtattataaa tagaaattta tctgtttgac 152940
 ttatactcct aatagttcaa cattcaagtt tgatattctt attggaaaat gagtcaagtc 153000
 ttaaaatttt ctaggtttcc ttacaattag acatatacca tatttcatcc agtctaaaat 153060
 acacagtttt gcacatttga acacctctga aatggagatg catcttaaaa tagacggcat 153120
 atcataattt catggacagt agttttatta atgatataa atataatgat tcttcaattg 153180
 attgatgggtg tctttgatct tgtaaagtac aatattatat ttctcaattg tattgggtcag 153240
 gctaggctac acttgctgct gtaacaaata cactatttga cctaggtaac aagggtattt 153300
 tagctcattc ctataaagtc ctatgtggga aagaatctct cagggcagat attcctgtg 153360
 cagctactaa ggaccaagtc ttcttctatt ttataccacc accatctcag catttggctt 153420
 tcaatgttcc cacaagcagc agaagtagat tggaagttag acaccacac ataaattctt 153480
 cagcttgaat attacttctt tgcaatttca ttgactaaaa ctagtcatgt ggcccaactt 153540
 tccacaaagg gcctgggaag tacagtcttt cctgtgccc aggaggagag aatcagatat 153600
 ggggtgaacac tactgatctt accacaacag tctatcttag ttacctgact ctgaaattag 153660
 ggtaatgaac aaaacccaaa tatataattg aatcatgtga aatttatgtt ccaattagat 153720

agagaaacaa atacctttat tcttttacaa aataatatat tgacttgtac caaaatgaac 153780
 tattataaaa taggcttatt tcttcatatt ctatcataaa actgatgaca aaaacaatat 153840
 tttatttagt tttaaatttc ctgattaaac ctaaaaagca aaatataatt aaaaaggag 153900
 tgagctataa atcccttggt acctaggtca gcaggcgat ttgttacagc agcaagtgt 153960
 gcctagcctg accaatacaa ttgagaaata tcatattgta ctttacagaa tcaaagacac 154020
 catcaatttt gagatgaatc attatattat atatcattaa taaaactact gtccatgaaa 154080
 ttatgatatg ccgtctatct taagatgcat ctccatttca gaggtgttca aatgtgcaat 154140
 atatgtgagg catttattaa gttggttctt gaatctctta attcagtcta taatatgtaa 154200
 aattctatat tggggccata tgaagccttg ctaaaaactgc tggaggacag gggttatatt 154260
 gtaagggcaa tatttacagt ctttcttagc tctcatttcc tgccagctaa cgaaagttac 154320
 tattgttaga agaagaatgg gctccaaaga tgtccttaaa atcctgatgt cctaaggctg 154380
 tcctaatacct tgggaacctgt gaatatgtta agttacatga cagaggggaa tgaattaagg 154440
 ttacagatgg aactaagggt gctaatacaga tagggagatt attctgatta ttgggatgct 154500
 ctcatgtcca caagggttct tagaagtaga agagggaggc agacagggga gaaccagaga 154560
 gatggcagtg agacaaggaa ttggcccaac attgctagct ttgaagatgg aggaaggaga 154620
 gataagccaa aggaagcag gtgaccttta gaagctagaa aagggaagga aatgtattct 154680
 tctcctttgg atccccaga aaggaaggca ccttgccaac aagtgtatct tagcttgggtg 154740
 agatccatgt cagacttctg atctacagaa ctaaaagata actttgtgtt ggctgggcac 154800
 aatggctcac gcctgtaatc ccagcacttt gggaggccaa ggcgggcaga tcacaaggctc 154860
 aggagatgga gaccatcctg gctaacacga tgaaccccca tctttactaa aaatacaaaa 154920
 aattagcagg gtgtggtggc gggcgctgt agtcccagct acttgggagg ctgaggcagg 154980
 agaatggcgt gaactcagga ggcagaactt gcagttagct gagatcgac cactgcactt 155040
 cagcctgggc gacagagcga gactccgcct caaaaaaaaaa aaaaaaaaaa aaagaaaaga 155100
 taactttgtg ttatgtttaa tcacaaaatt tgtggtcatt tgtcacagta gacatagaaa 155160
 actaatacag ctatattgga ttatgtctgc ttccagtcaa ataaccacca tctttgattc 155220
 atatgctagt tttttttgtt gaagtgtatt aaatagcttg ctttgggtgt taggccagac 155280
 ttttaatttag aaattttatga taggcatttt aattaatatt ctttgatttt tataaaggaa 155340
 cttcctattt tgtttgtga cattaaggcc cacctcagta ccagatacta attgttgtaa 155400
 gtgagagatc cctagaatc acctgtcaaa ctctttcatt ttttgaagt aaatagcaca 155460
 tctccagaaa aaaaaaaaaa gaaaagaaaa aagaactttc tggcaagtaa ctatggcagc 155520
 aaaaccta atctttttca ctcatcagta acaacatttt caactgactt ctctttttct 155580
 cttgcttcta aaaaactcaa aaaaggaaaa ataggaaacc actaaaaaga tccaaaatga 155640
 tcgttgcatc tcataatagt gtgtataagt gtgagcagta taatgaattt gacttattct 155700
 ctccctttatc gtcaattttc cacttctgtc ttccagggaag tatgtgaagt cgccagcatt 155760
 tataactcac caggtagact tgtctctgat ctgacaggat gggtttcttg caaaccatc 155820
 tcattgttct gtgcactggc atccacatgt ggggatatat ttatatgaat gtgtagtata 155880
 aacataccta cctaccttca cagctaacct tgatgatcct ttcttgctaa cccttctatt 155940
 tgtctgaatt ttttttctgg ccaaggctcg tttaaattat taatgggagt tcttcttact 156000
 attgaagatt agctggcaaa gtaaatattt gtaggtgagt ttaagatgcc tgcagtcttt 156060
 cattgcattg atggcgctt gggcattttg ggttgtagaa atcaaagaga ctttaccctt 156120
 ttttatatct cagattgatt ttctcttttg actctagaag aaatgaaaaa actcaacct 156180
 tcttccagct caattccaca tgacctgttt tcttggcttc aaatagcata aagctaaatt 156240
 aacctgttct tttccttcca cctctacct cccacaaatc cattttaaga tataataatt 156300
 tgacaatttg cataagcagt tgcttatgag catatggtgt ctagtcaa ataattagcc 156360
 tccttttatt tgtgagatta tacattttga acaggaccaa cctttgtgtg tttttgacat 156420
 cccaaatgaa aaattttagt ggtatacttg agagggtga aagggtgacta ccgattaaga 156480
 aagagcagat tttagaaaaa attttaaaat gtttcccttg gcccctttag ctctgtgcca 156540
 tgtttgagga gagtaggtca ttgacctgac tatgctaaca tgttcacagg ccaacttctt 156600
 ttttttaaaat taaataaaat ttaaagttct gggatatgtg tgcaggatgt gcaggtttgt 156660
 tacataagta aacatgtgcc atgggtggtt atggcacctg tcaaccatc acctgggtat 156720
 tcaaccatc atgcatttag tatttatcct gattctgtcc ctccccctgg ccccatgaca 156780
 ggccccagtg tgtgtttttc cctccctgt gtccatgtgt tctcattgct cagctccagc 156840
 ttataagtga gaacatgtgg tgtttggtt tctgttccct gtgttagttt gctgaggata 156900
 atggcttcca gctccatcta tgtccctgca aaggacatga cctcattcct ttttatggct 156960
 gcatagtatt ccatggtgta tatgtatcac attttcttta tccagtctat cactgatgga 157020
 catttgggtt gattccatgt ctttgctatt gtgaatagtg ctgcaataaa catacatgtg 157080
 catgtatctt tataacagaa tgatttatat tcctttgggt atatactgg aatgggattg 157140

ctgggtcaaa tgggtatttct ggttctaggg ctttgaggaa tcaccacact gtcttccaca 157200
 atgggtgtac taatttgtat tcccaccaac agtgtaaaag cattcctatt tccccacagc 157260
 cttgccagca tctgttgttt ctcgactttt tataatcgca gaggecatct tcttacctgt 157320
 ccctaggaac tccacgattc tttggtgcc tcatgatgtc attcgatgcc tcgcctctta 157380
 ctttttgctc tcagtaaatc atattcctat aatcattgct ctctcagctc aaaattccat 157440
 ccagcaggca tcatggtaaa aacatgtatt ttccattata ttggcaatat tcattgattc 157500
 aaaaatgtca gaggaagtac tcacagtata ggaatgtatc ataccacagc aacttagagt 157560
 caataaacta gttctttgtt actcaaagtg tgacctgtgg attacaatca gtagcatcct 157620
 gagaatttgt tagaaatgca gaatctcgga ctcacttcag acttcctaga tcagaagatg 157680
 catttttaac aacatctcag tgattcgtag gcacattaaa gtttgaaaag gactgagcta 157740
 gactctaaac ccaaaagagt atggaccatg tccgtcttgc tcaccatttt attcctacct 157800
 acttatacag taactagttc agagtgtgtg ttgctaagta tttgctgaat gaatgactaa 157860
 acctagggaa aaatcctatt aagaacacga atgcttttta tcttaaacag catacatttc 157920
 acgcagagat taattcagtt ggggaagcag tagaataaca agttgccagg agaggataag 157980
 ttgtgtgcat cactgttcat ctataaaaatt tttctctttc ttcttaaagg agactgtaat 158040
 ctaatttcac tagacgaata ctggaaaaat gaaaaataaa ggaatttctg aaataaggaa 158100
 atagaatcct ccatgcatac tttttgagtc ccttagctgt tgcacttttc tttatggata 158160
 cccctacatt taaataatat tttaggttaag tcaccaacag tttaaaaata tggtttgttc 158220
 ttctgcagta actatagaat agtatttaat ttaatagaaa tggccagcca tcctttaata 158280
 gaagggtcac cagagtaatc ctcccaaggc tcttgggat gtgtcctgcc taagaactac 158340
 tgggaattaa agggttgtat gaagtatagt ctgtattaca ggtgcacact tgtttctttt 158400
 gtttgtatca gttagtctcc ccatggaatt catgacagca ctttccatat gacagaacgt 158460
 tagcaaatat tgggtgaatc actatttttt aataacaggc ctagtagggc cattacgtga 158520
 aaatatTTTT ttagtggttg tgttgactgg atcctctgga aagcagataa taggacagag 158580
 ttagaagtat aagagctgta atagggtaaa gtctgttgaa agaaaactga tagaaagatt 158640
 gggagtaggc agagaacctt cagactatga tgcaggtctg acacctgtga aaggcaagca 158700
 ggaaggaaaa cagactgggc aagaagagtc tcagacagca ctggagctct gagacagcct 158760
 cattcagccc aatgggtggc tttgaaccag cttttactgg ttcaaagatt tcccatagag 158820
 gaatcccata ttggacagaa atgctattcc ctactgtccc ccaccaactc aaatgctcaa 158880
 ctgatcccca atatcttaca gtttgaggcg ctgggttcac tgcattgctg gcagctaatc 158940
 atcaaatctt tgaaagacct gagaagcaga cttccacaga tgattcatag atagtgggtc 159000
 ctttgagcca ttccatatgc ttgagatggt aaaagagtat tttgataaca gtctataatt 159060
 cagtagtttt ctctgactta aagtaactgt acctccaata tgttcaaagt aagaatgact 159120
 aaaatttctg gaatattcgt acacatttca gaaaaatcca ctaaaactgat ggccactggt 159180
 atactttaaa gagatttggg gccagacttt gtcttttctt tacttatggc atttaccaac 159240
 tatgtggacc tggacaaaaa atttaatat cccaagcttc agttttctca tctgtataat 159300
 gggaataatc acaccatttt tgcaggggtt tagtgaggaa caaataagat gatacacaaa 159360
 gctgagcaca gcacgtgaaa cagaaagtac acagcaattt tttactaaag gagtacaatc 159420
 agtgtcaaaag caagttgcaa tattttctca agtttcacat aaaacctttg aaatgatgat 159480
 caatagtatt tcaactttta tcaccaggaa accttataat tttagcccat aaacaccttc 159540
 actatatgaa ttaagaataa tttagaatac agtattttta tttgctattg tttttgcgtt 159600
 tatgaaaaat ataaaatcac tttggctgat tagttctaca tatcaaatga tgggtcttaat 159660
 gatgcctatc tgggcccagt aacttagtac caaaaataat tatcatcttt gtcaggctctg 159720
 tagacagccc ccagaattag agccaaggcc acgccaagga aggcatttct aaatgggcgc 159780
 gagtgcagca aactgttcat gacctaattc acgccaagga aggcatttct aaatgggcgc 159840
 cctcctgttg gtgcatcagg gataccactg ttatatccag aagtagaacc tgggacaaa 159900
 ttctttcctt agaagacgct cctttgccag ccgtttagag ccatacact agcagttaaa 159960
 atttccatct attttctcta agtacattat gagtgtaaat atattttgtg ctaaggagca 160020
 taagaaggac cagaatatgt atccattttt ccattgtagt ctcatcttgag atttaggcca 160080
 aactcaatag attaaaatat agagcttggt aggcataacc atgacttttg caatggaaat 160140
 atttaggtaa tacttgtggc ttattttaat gtaatcctct gctttgggtt tataataaaa 160200
 tcaggtaatt ttcctgatac atagggattt gttatccact ctacctcaaa ggctgtatgt 160260
 ataagtgaac tcctgggttt agacaaattg ctttgaatta cttccattat tttctccttt 160320
 agttggaata tgaagaaatt tcagcaggcc tttttttcat agcatagatt ttgaagacaa 160380
 ggaaaagtct gtgcttgttt ctgggtgctg gcgtttgagg agcacacact gaaagcaatt 160440
 tgtctagaag tatgctgtct gatttgaaat ccactagcca catgtgggtt ctttaaatta 160500
 attaaagtta aatacaatta aaaatctgtt cctcagtcac attagtcaca tttcaagtgc 160560

ttaataatta cacgtgggta gtggatactg tgttggacag catacttcta gaacattgca 160620
 tcatcgaaga aagtcttatt gggcagcact gttccagagt aaaatctaag tatctaaatt 160680
 tttaaaaagc tccacagggtg attctgggtg gaaacctgtt tcaaaaatca ctataactac 160740
 tattaaatgt tgatcttata tttcaactta aaactcacaa aagattctat tccctcatt 160800
 ttccagttct tccttgggaat gagggattgg tttactgaaa ttctcaaata ctgacaacat 160860
 gtgtcaataa ctcttctcct ttttcataga gaaggacact gaagtgcata gaggtaaaag 160920
 atgaaggaga tattgttgta ctggaccag ccccatctgc aatttttttt cagaggtttc 160980
 tcttctatgc tgtgacagct ttccactaaa tagaagaaat gagtacaggt gttttgggtg 161040
 aagtcctact tccagagcat attaggacca aacactgtga tactattatg ctgcctcaga 161100
 ccatagtgtg gcaagtgaat gccccaaaag tcacacagat tgaaaataaa gtatttcaga 161160
 gtttacctaa taataattcc ttcccacagt gaaagacaaa gcttacattt attaaaaacc 161220
 agttgatcat gttaatgagt cagaagtgtt caaacagct gatttttaca gactgaagag 161280
 aaaatacaat ttaattagag atggtcaggt aaaatagcta acagtcatta gtgacatcta 161340
 ggagcaaata aacaaaccct gagttaatga agggtagaca ggcagataga ggcttgacac 161400
 tgggactaga gctggcctgg agtgccatag tgtgagtgtg tctcttgtgt gtagttgtgt 161460
 aatgagctgt ttcttacata gcctggtaca tagaagtga ttttgtgagt tcatgtctcc 161520
 aaagtgttg tgtggcctaa acaatgtcca tttattttgg ctctttgtg attaaatttt 161580
 atgattttaa ggtgataaga aaatagtcag tggattttct ttttctcta aaagatttat 161640
 tattagattg gtgcaaaagc aatttcaatt tttgccattg aaagtaatgg caaaaaccgc 161700
 aattactttt gcactaacct agtataataa actttatttt cttaagtggc agtttgcctc 161760
 tttgagcttc aaaagtgggt atcttatgtg gctctgtaga aatctcttca aatttacctg 161820
 ttttcttctt tctgggcttc cttttaggaa ttctggagtc cttcttttta ggaattttac 161880
 attgctgtta tccttgtact ttgtaagtac cattatatcc ttgcactttt caatcctaatt 161940
 tgattttcct gctcctaggc aattgccttt catatccttt agaaaaagca tccctgagc 162000
 accactttta tctttcatca acagtcaatc ttcaacaaat atttatcagg catccattct 162060
 gctgagaaaa ggggaatccag tagtgagcaa gacagacttg gttctgccct atagagccta 162120
 cagtgaagtt ttcctctacc ccaaagtgtt tcattacttc ctgtagtgag ttgaattatg 162180
 acccccaaaa gatatgtctg cttggaacct cagaagggtga ccttattttg aataaagatc 162240
 tttgcagata aaattaaggt aaggatcttc gggggagatc accctggatt acagtgggac 162300
 ctgaatccag tgacaagtcc tcatcagaga agagaaaata aaacagatag agagatatat 162360
 taatacaaaag aagatgatgt gaagagattg tagtaattga cctacaagcc aaggaagacc 162420
 aaggattgcc aacagccacc agaagctagg aaggaggga ggcctgggac agattcttcc 162480
 tcagagcttc cagaaggaac caaccctgcc agtgccctga ttttggactt ctgacctcca 162540
 gaattgtgag agaataaatt tctgttgttt taagtcacca aatttgtggg acttcattac 162600
 agcaggccta ggaaactaaa acacttcttg tcttagtctg ttcaggctgt tgtaacaaaa 162660
 taccatagac taggtggctt ataaacaaca gaaatttatt tattaccatt ctggagactg 162720
 ggaaatccaa catcaatgca ttggcagatt cagtgtctgg caagggccta ttttctgggt 162780
 catagatgat gacttctcac tgcattcttt ataagggtac taatccatt catgaagcct 162840
 ccattctcac aatctcatca cccctcaaag gctccaactt ctaatatcat cacattgggtg 162900
 attacgtttc aacatatcaa tttaggggag acacaaacat taaaaccaa ccatctcctt 162960
 tattactttt aaaaacataa acccttttat ctcatttttg tatagcagtc aagagaacag 163020
 gttatttagg cagactgtct ggggtataat tctatctttg ccaatcacta tggcattttg 163080
 gtcaaatgcc ataaacctct gtgcctcagt ttctcatct gttagatgga aatcacaatg 163140
 atattgatgt catagcatta ctgtgaggaa tttaaaagca cttagagaag ttgctggaat 163200
 gtagtgatta ataattattt tactactatt ttactaattt tcattattgt taaaggctta 163260
 cagaatattt cacaaccagt ccaaacagaa atgttttttc taattgctca cttaccgtta 163320
 gactttatat ctctactatt tttaatcaca tatagccttg tgattgtatt taactttaca 163380
 catcgatgta tagatccata aatatttact gagaaactgc taagttcaag gtattttgct 163440
 agtcattttg ggaaacttga gctagaaatt atttttttta agaagcaaaa attcttttagc 163500
 agcaaatgaa cttattcatg ctctcaaaaa ctactgttcg agcactcaca tgtgcccggc 163560
 actgtcctgt gcactgagga ttcaggagtg aacaaagcag acacaaatcc ctgcctccat 163620
 gggagcctcc attcaactgg gggcgatgga aaataaacag acaaatatgt tggagggttg 163680
 gctggtggga ggtatttgga tcatagaggc agatccctca tgaatggctt aatgtcatcc 163740
 ctaaaagtaat gagtgatttc tcaattgatg agttcagatg atatctggtt gtttaaaaga 163800
 gtgtagcttc tcccccttc ttgttccctt ctgttgcctc ctgtctcacc atgtgacacc 163860
 cactccccct tcacctctct ctatgatttt aagcttctct aggccctcac cagaagtgga 163920
 cgctggcaca acacttgctg tacagcctgc agaaccctca gccaaaataa acctcttttc 163980

E'
 Lmk.

tttataaatt acccatcctc aggtattctt tataattata gtgatacaag tggactaata 164040
 cgctatggta aaaagttag tggggcattg aatctcttaa tccagggtaa aattagaaga 164100
 taatcttcca attctgaaga ctaaaagatc tctagaaatt atgatttcag aacaaaatat 164160
 aattattgta aatattacaa catttaacaa cataaaaata acatgtcacc aaaattggga 164220
 ggtatggaaa ggtgagttgg aaaaaagcct tagtgtacag acttctttaa cagcaggaaa 164280
 tcaattaata gtatctaaaa gtgaaacaca tagccaataa aagatacaat gactgcagcc 164340
 tcttcacatt gttataatta ttattcttat ccttacagag gtatgttatt aactaatatc 164400
 tcttgtggta aaggaaacaat tatctaaagt tcagcaacta ctcagtttca gttttttctt 164460
 tgataatttc aaaaaatata tttaatacct agaaaaata atactgtatt gatttctcat 164520
 tgccgctgta acaataatc acaaaccttag tggcttaagc aatgcaaag gactctctta 164580
 cagctctgga gattaaaagt ccaagattgg tctcactggg ctaaaatcaa gatgtcactg 164640
 gcctgcattc cttctggagg ctctagtac cttgtgttt ccagctcata gagctcctgc 164700
 attcctgggt tgtgcctcc tttctctatt ttcaaagcta gcaacactgg accaagccct 164760
 tctgatgctg ccatctctct ggttctccct cttctgtgct gtgccctctt ctatttttaa 164820
 ggactcttat aattatattg ggcccaccca ggtaatccag gatgatctcc ctattttaaa 164880
 ggcagctaatt taacaatctt aattctatca atcttaactc tgctttgcca tgtaagataa 164940
 catattcaaa aactctgggg attaggaagt gaacattgtt tgggggttat tattctgcct 165000
 actacaaaaa ctttgaattc tgataaaaaa aatacaatgt ttaaaaagag agttaaggac 165060
 agtcttttca acaaatgata tttaggaagac tggatatctc atgcaaaaga ataaagctag 165120
 acccttacct cataccaaaa attaaaaatta aaatagatca aaaacctaata actataaaaa 165180
 cacatagaag aaagctcatg acattggata tgacagtaat ttattgatat gacacaaaaa 165240
 gtaccagcaa caaaagaaaa cataaacatg gatttcatca aaatgagaaa tttttatgta 165300
 tcaaagaaca gtatcaacat agtaaaagtgg caaccacag aacgggagag aatatttgca 165360
 aagcacatat ccaataaggg attaatatcc agaatatata aagaactctt gaaaacaaca 165420
 acaaatcaaa cagcccaatt aaaaaatgga caaaagattt gaatagaaat ttctccaaag 165480
 aagatatata gatggccaat aagcacataa aatgatgctc catatcacta atcactagga 165540
 aaatgcaatt aaaaatcaca atgagatacg actttacacc cattagaatg gcaactatca 165600
 aaaaacaaaa taacaaatgt tggccagcat gtggtgaaat tggaaaccctt atgcactgct 165660
 ggtgggaatg ttaagatgag gtatgtgctg tataaaacag tatggtgatt cgtcaaaaaa 165720
 ttaaacatgg aattaccata tttccagca gttccacatg tgattatata cctccaaaaa 165780
 ttgaaagcag ggtctcaaag agatatttgt ataccgatgt tcacagcagc actattcacc 165840
 atagccaaaa ggtgaaaaa actcaaagt ccattgatgg atgaatggat aaacaaagta 165900
 taacatacat acaatggaat attattcagc cttgaaaagg aagaaaattc tgatacatgc 165960
 caccatgtaa tgaacctga agacattatg ctacatgcaa taagccagac acaaggggac 166020
 aaatattgca taattctgct ttaatgagct acgtatagca gccaaaatca tagagacaga 166080
 aagtagaact gtggttgca gggcttggg ggaaggaaat aatggggagt tattgtttca 166140
 tggtagagag ttccatttg ggaagataaa aagttctgga cagggatggt ggtgatggtt 166200
 gcacaacagt gtgatggtgt ggtaatcggc tgggtgtccc agctactgaa taaactctag 166260
 gttagcagct ttcaaacttt ttggcaccag gacaccttaa cacgcttaa aattgcttg 166320
 gacactgaag agcttttgtt tacatggtta tatctataga tatataccgt attagaaagt 166380
 aaaacagaat ttaaaaatag tcacttaaaa atacagtaaa taaatctata catattaaca 166440
 taaattgcat acttatcatg aaagttaacc atgttttcca aaataaaaaa tttgtttaaa 166500
 gaaatggtgt tagtttacat ttttaccttt tttttagcga ctagcctaag agaaggcagt 166560
 ggtagtctca tatctgcttt gtatttagtc tattgtgata ttacatgcca tatagccttt 166620
 ggaaaactgt ctattaatga taggacaaga gtgaaaaagg caaataacat attggtattg 166680
 ttagagtttg gacttcctga gtctcagaga cttccagggg ttcttgacc actgtttgag 166740
 aacttctatt ctaggcataa aatgacactg caagagctag cattaaatat tacaggatat 166800
 catgaataat ttctccattt gttctgcact attaaacaat ttaataaaac tggaaaagga 166860
 ataatgaagc aataggaatc catttcataa atagggtatg taaggtaaaa gccctacttt 166920
 atttgaattt catgggtgtg aaatcattaa taaacagaat taatgttttc agtgttattg 166980
 taatgatcat aaaattctac attcttactg agattatgca cttttatgct ttaatatagata 167040
 tcattttatg tgctaagttag gtaggtgcaa gatcttgaaa ttgttggggg gcctcctatg 167100
 gggataaattg tgtgatgaag tacaatcatt tacttaaaata tttctccaa gagtttgaga 167160
 gtttctaaat gaatcagcca aatgcctggc tccagcattc actaggcaca gcagtttttc 167220
 atcactgaag aatctcaaat aagatgcaat tgcttgataa ataattttgt gttacttgtc 167280
 aacttttcaa aaaaatagtc cttggaaagc tgtagtatca gcaaatgcaa tcaacacatt 167340
 acagcaagtt gatttgcagg tttatcgtca tggaaataaa actttcagac actgggaggt 167400

atggtgacag tgaaatgttt ttctgcccct agtggcatgg atttcagaga atatcttttag 167460
 atggattgct ctatgtcagc attgacaaat tgcaagtata gttttatttc agttttccca 167520
 gttatattct taaatgaatg tttctttttt gttgtttaat tttctcttgt aaagatatat 167580
 agttattttt agtcgaatag cttatgaaaa attaggtgta tttgacaaag acacttaatg 167640
 tacaattgga ataaatgcag ttctagttga atgtacagca atagtatgat gggcccaaat 167700
 ttatatttct atatatatgc acctcttcca ttgtcaagat ttattacatc ctagagagtt 167760
 ttctaggtgt tttcaatagg atcctataaa ttcagaactt ggagtcagaa atgcataata 167820
 tttccttact tcaacattga taatgtttct cttccccact gttcaaaata gtcattttca 167880
 ttttttgagt gaagccacac aatatgtaca ctattttacat tgtttttata aattttatatt 167940
 ttataattaa ataattatct caacatttta actgtgaact ttgtgtttta aattgagttt 168000
 taacaaatga ttaggagaaa ctacaacatt tattaaatac aaaatatatt ttccccctttt 168060
 atttttctaa gaaactgtca tcttaccgat catgcaactg aatgcatctt ttcaagtttg 168120
 ttttcttata taggaaatat aaagcaagaa gtctgcatgg tatagtaaga atcaagagat 168180
 acagagtga aagatctgag gttgaatcta gccttctctac actggctgtg tgatgtcaga 168240
 caagttctga aactttccca agtttcaaca ctgtcatcta taacatggat tctgaggtac 168300
 tattaccagg ctgctcatgg taatgagcgt ggtaaagaac ccagttgcc caacgctgag 168360
 gagccctcat ctcactctca gtgctgcatt tgcctccagc tagtctctg cccgcaacga 168420
 gttcattctc tacatgccta ccaaagtgat cttttaaaaa tgtaaagcag agtttgccat 168480
 tgcttgcttg aaacctctat tagctttctg ttgtgtgtag gatatacaac agaaaaactt 168540
 tcacgtggcc tataaggccc ctgctgtctt gctcttcccc accctctctc caacctcacc 168600
 ccattgctact acactccatc tcaactctgt tatggtgacc agccatccca gtttgccctga 168660
 gattttctta gtttaagcac tgaaaacaag aatgattgcc cactacactc ctgatagtcc 168720
 agccatattg ttctctgggt gtgcccacat ctttcccatc tttgaaatgt ctgtttgtct 168780
 tggaagccac atcatatgcc ctcaccatgt acctagtcca tgcctatcca tccctcaggc 168840
 ctcagtttaa agggcctatt tgcagagaat ccttccctga gtcacagata taaattagat 168900
 ctcattgtgt attcttatat tagcacccgc agggctactg catacagttg tgctgtctgt 168960
 gtgctgcaca acatcaggga cctccataga ttatgtgaag gtgggtcccc gagttgtacc 169020
 atgagttgat gctgaacag tcttttctct tcatagcacc tttgtcagtt gtggtacata 169080
 taatgtctac aaattgtata tataaagaat atatatattca gaatatatat atatatatat 169140
 atatatatat atataaaatt gaagaaattt ttatacaccc tattggtatg taagtttcat 169200
 aagtgtagga gctctgtcaa ttttgataat ttttataccc attaacgta cagttagtta 169260
 tttgtaaaat gcgtccgata aatacttgct taatgaatga atgggagcgt attttatgtg 169320
 gggttggtga ctatttatat tgataatata ttgaaagtcc tttgtaagtt attattattt 169380
 atgataaaaa ttaaatagaa tatgaaaaat gattattagt acaatatcta ggttctactg 169440
 tgatataaaa ctcttaaatg tcttttcaaa tactctatta gcagtcctta agattttcca 169500
 gagatatgca atgataagca gatcaatgga gcaaagttaa gaatccagaa cattgcctaa 169560
 atatgagttt agtatataca aatgcattgt tttatttagt gaagaaagaa gacatattta 169620
 aataagtagt cttggaaaaa ttgcctgttt ggaaaaaaa tagattctta ctgtataaca 169680
 cacacaaaaa taaatttcag tgaattaaaa atttaaatat ttaagatatg aaacaaataa 169740
 taaaagaaga taattgaaga taacttcata tcttggagt aaggaatttc tttataatta 169800
 tgaaataaac ccagaagtca taaaagactt acagaattgc ctatttaaaa atgcgaaatt 169860
 tctttttctt ttttcttttt tttttgagac agtgtctcac tctgccacac aagctggagt 169920
 agagtggcat gatcttggt cactacaacc tccacttccc tggttcaagt gattctcctg 169980
 cctcagcctc ctgagtagct gggactacag gtggtgccac cacgctgggc taatttttgt 170040
 attttttagta gaaatggggt ttcaccatat tggccaggct ggtctcgaa ccttgacctt 170100
 gtgatccgcc ctcccaaagt gctgggatta caggtgtgag gcaccatgcc tggccacaaa 170160
 atttcttttc ttttcttttc tttttttttt tttttgctgt tgcaagattt aatagagtga 170220
 aatagagtga aaacagagct cccatacaaa gggaggggac ccaaaaatgg tagccattgc 170280
 tggctccaat gcctgggttt ataaccctaat cattgtccct cccactgtgt tctcaggcga 170340
 tagatgattg gctatttctt tacctcctgt tttagcctag ttaccatttt agtgagctct 170400
 ctttcttacc tgattggtea ggtgtgagct aagttgcaag ccccggttt aaaggtagaa 170460
 gcagtcacct tcccagctag gcttagggat tcttagtcag cctaggaat ccagctagtc 170520
 ctgtctctga gtacccctc tcaacaggaa aaccctagtg ctgttgggga ggatggcga 170580
 tgactgctct aactgcttcc tgctgaattg gggcgtagt ggggttatgc agttgagatt 170640
 tctctggag ggggtgcctt gatgtcatta acatcgagc atgggctagc aggcgggtcc 170700
 aggggtctgc ggtagatctt agtcatggac tgcgtctggg gctccatttg aagaacaatt 170760
 tgtagtttta gagcttcaat tttggaagag acaaaactta caaggaggtt aaagatacag 170820

E1
 conf.

ggattgaaat gtatggcctg aagtgcaggg gattatttct ttgggacact tcacaggccc 170880
 tgactatctg cttgatagtt ttgaaaaggc ctggcccagt aaataataat ttggccatct 170940
 gatgggtact atcaatgcct aagtggaagg ttaggtgaag gggtttaagt aatttctatt 171000
 ggttagctgc aggcaaaata ttttcccttc tctggtggct agccatctgg aggggagggg 171060
 agtatgtcct cgtgaggttc cctattctat ttttccctgt gagtactggg acttggtttc 171120
 ccggagtggg ttaccccata ctagggttcc ttctataagc atttctaatt gagggctctg 171180
 ccttgcagct cttttgactt caatatctgc ttggcgggtt ccttctattt cccttccctt 171240
 tcctttctga tgatgatggc agtgtaagac tgccacctct tcaggtttct gtacagccaa 171300
 taataatctc ctaatggctt cctgatgttt gataggtgtt ccctcgaaat taggaattcc 171360
 ctttctctcc atattgctgc atgggcatgg aggactaggt aagcatactt agagtctgta 171420
 tataatatta ccctttttcc cttctcctaa ttctagtgcc cgagtgaggg ctgttagttt 171480
 tgccagctga gcactagttc ctggagtggg gggtttactt tcaagtattc cattatcact 171540
 gaccactgca taccttgcct ttcaaagtcc ttttcttaca aaggaacttc catcagtata 171600
 caagctgagg tcgggatcag tcaagggacc ctctaaaagg tcccttcaag tggcataggt 171660
 ttgagcaatt acttgttgac agttacattc tatcttttct tcattgtctg gaagaaatgt 171720
 ggctgggtta agagttgcac aagtgcgcag tcacagcact ggaccttcaa gtaatagagc 171780
 ctgatattta agtaaacagt tgtctgacag ccacaagtct ccttttagcag tgagtatgcc 171840
 attcacatca actgatgtcc acacagtaag atctcttccc tgtatcattt taacttttcc 171900
 agatactaag actgctactg tcgccaatag ccgtaaacaac tgtggccaac tctttgccac 171960
 tacatcagtt tccttactca ggtatgccat gggttgcaag ctcatccctc ggacctgtgt 172020
 aaggactcct agagctattc ctgttttttc tgtgacttat aaagaaaagt cttgtccctg 172080
 tggcaagctt aacgctgggg cttgggttag ggccttcttt agagcctgga aagctgcttc 172140
 tgccctcaggt gtccatctta ctaaatgggt attggctttc tgagtttctt taattatata 172200
 atgttctggc tatttcgccg tacctgggaa tccatattcg gcagaaacct gttatgccaa 172260
 ggagcccttt tagttgcttt agggttttgg gatgaggaca agccagtata ggctggatac 172320
 gttcctcact gagtgccctg gtgcctttgg ataattttgc ccctacgtat ttaacctgct 172380
 atgagcagag ctgagccttt ggtttggaag ccttgtagcc acaggtaacg aggaaattta 172440
 gccttgccgc aaaattttcta tatagcaaaa gacataataa agataaaaaga caaatgagaa 172500
 ataacaaatt aagaaaacat ttgcaattct tacaatatat acagggtata atgtataaaa 172560
 tatatgttct acctaccctt ttaaattagg aaaaaagaa aacccaacag aaaaatgagc 172620
 agaggaaatt accaattttca tgaagaatct cacaaaaggc taataaaaagg tgattcaacc 172680
 ttattaaata aataaaaaata aaactataat atatcacagt tttgtaaaac tggaaagatt 172740
 tacaagacag aatatacaat gttaacaaaa gtgtggggga aaacaggact tttatacatt 172800
 gttggtaaaa tgcataatag ttttgaagaa atatttttaca acttttttaa aaattaacat 172860
 ttttattcaa cagtttttta aaaaatatca tatgtaaaga actctctggg tgttgagaat 172920
 acaatgcttt ttttttttaa gtccctaacc tcttggaata taacattctg gaggagaagt 172980
 tagaaaatga acaaaaaact acaaatagaa gtaaaatata atatcttata aaacacagtg 173040
 gcattctact tctgataatg taggctgggt aatgccagca agatttcagt agattagact 173100
 agactagttt tcataaagct tatataccac taaagcagaa attaatgaac tgaaagaaag 173160
 gtgagaatac attagaatac tgagagtaaa aacagggaat tacagaagaa agggcaaaag 173220
 accggggaaa cacagtgaga tctaatatca cttaactgaa gtctcagaga gaaacagtat 173280
 ttcaggaaat aacaggggaa aattttccag aattgatgga tatcattcaa tagattcaag 173340
 agactgaaga ataccgagta acaaaatata gaaatctata gcttgatata tcatattaaa 173400
 acttcagaca accaaagatg tagagattct tgaaagaatc cagagaaaaa ccaataaatt 173460
 actttcaaac aagtgacaag gaaactaatt gctaacttaa atagcaataa agaaacgcat 173520
 aagtaattga catcttctgt gtactgaaag ccaacctgta attcatagag 173580
 taaatcaagg taatgaaaat taaagtccac actgagatac cactacgtac cactcaggac 173640
 aaaaatgtaa aagtttgata ataccaagt tttgttaagga tgtggaacta caaagacaaa 173700
 ttatgcttcc attactggtg ggagtataaa ttgatgcctc ttctttggaa aatagctctt 173760
 ggcactctct aataaagatg cataccctat gactcaataa ttttactcct ggggtgtattc 173820
 cttagaaaca tgtatgctta tgtgtgaaac cagccaaca gtcctataga caattgtttt 173880
 gggataaaca tagaaattga cccttctgct cttaaagctt gaaacttgct tttgttttat 173940
 ctgagtttct ttctcaggaa aggactatca ggcctctcaa aaaagtatca aagaaccaa 174000
 actcaccaga tgccctcaagc cccctgtag ttcttgcttt cttacacatt gttacatttc 174060
 ttccctgcta tataaacctt agagtttagt agccagggag atggaattga ggctgagctc 174120
 ccatcttttt ggctgcagca cccgattaaa gccttcttcc ttggtgtact cattgtctca 174180
 gtgattggct ttctgtgctg cgagcagcag gacctagacc gaaccctgg tgtttcggtg 174240

E1
 cont.

E!
cont.

acatgtgcac	caggagacat	atacaagaat	gcagtaatat	cctctagaaa	caatgaaatg	174300
cctattaata	gcataacaaa	taaattatag	catattcata	caatgggatg	ctctatagca	174360
ataaaaagtaa	atggacctca	gctctctgta	acaacataga	taaatcttgt	agacatgata	174420
taactaaaag	aagcaagata	tgaagatttc	cctaagatat	aatttctttt	acataaccat	174480
taaaccagat	aagccagagt	atatcattta	ggaattatat	atataactat	atataatata	174540
actttcatat	atataatata	atgaaactat	aaagaaaagc	aaggacgtgc	ttaccataaa	174600
agttaaaata	ttgggttattt	ctagagtga	aagcaggctt	acaaatagga	agggatgtgg	174660
aatatcggaa	tgctcgtgat	gcatttgggc	cactgggttaa	ttttaagttt	ctcgacctat	174720
atagtagttt	tgcaagtatt	tgctttatat	ttattatatt	gcacttcttt	ggtattgttt	174780
gggaggtatc	attttagtag	aaacaaagga	aatgagagag	caaactctgt	acatatctag	174840
gggaaatggt	ctctctgaca	gaaatgtgcc	tctcctttta	cccagcattt	tctttagtag	174900
gtttatcatc	cagaaatacc	tctacaaact	ttgcaaagtt	atgtgttcac	cacaacattg	174960
aagtgtgtaa	gtaaatttag	gttgagagtt	tatcatgagt	ggagattttt	ctctgagcaa	175020
atgctaaaaca	gcaggttgta	ggaatgtccc	tccagtcatt	ttttttttct	ttctggcagg	175080
catcctgtat	aactactcca	gaccaattta	atgttaattt	ctcatgaaat	cctacagcac	175140
atgagaaatg	taaattcaga	tttttatttt	attttatttt	attttgagac	agagtctcgt	175200
tctgtcgcgc	aggctggagc	gcagtggcac	aatctctgct	cgctgcaatc	tctgcctcac	175260
cggattcaag	cgattctctg	cctcagcctc	ctgaatagct	gggattgtag	gtgtgcacaa	175320
ccacacctgg	ctaatttttg	tatttttagt	agagacgggg	tttcaccatg	ttagccagga	175380
tggtctcgat	ctcctgacct	catgatccac	ccaccttgga	ctcccaaagt	gctgggatta	175440
gtgtgagcca	agggtccatt	ccaagagggc	ggaataggaa	cagctctggt	ttgcagggtcc	175500
cagcatgatc	aacgcagaag	acaggtgatt	tctgcatttc	caactgagat	gcctggttca	175560
tctcattggg	acgggctgga	cagtgggtgc	agcccacgga	aggcaagctg	aagcagggca	175620
gggcatcacc	acacctggga	agtgcattgg	gtcagaggat	ttccctttcc	tagccaaggg	175680
aagccctgac	agactgtact	gggaaaatcg	ggacactgcc	acctaaacac	tgacttttta	175740
caatggtctt	agcaaacggc	acaccaggag	attatatcca	gcacctgggt	cagcagggtcc	175800
cacgccccatg	gagccttcc	cactgctagt	ccaagatcaa	actgcgagg	ggcaagcctg	175860
gcatctaaga	caccaaagc	aatagcaaca	aaagccaaaa	tagacaaatg	ggatctaatt	175920
aaactaaaaga	gcttctgcac	agcaaaagaa	actaccatca	gagtgaacag	gcaacctaca	175980
gaatggggaga	aaatttttgc	aatctaccca	tctgacaaag	ggctaataatc	cagaactctac	176040
aaagaactta	aacaaattta	cgagaaaaaa	atcaaacagc	ccctcaaaa	agtgagcaaa	176100
ggatatgaac	agacacttct	caaacgaaga	catttgcgca	gccaacagac	acatgaaaaa	176160
atgttcatca	tactggcca	tcagagaaat	gcaaatcaaa	accacaatga	gatactattt	176220
cacaccagtt	agaatggcaa	tcattaaaaa	gtcaggaaac	aacagggtgct	ggagaggatg	176280
tggagaaata	ggaatacttt	tactactgtt	gtgggagtgt	aaactagttc	aaccatttgt	176340
gaaggcagtg	tggcgattct	tcagggatct	agaactagaa	ataccatttg	accccgatg	176400
cccattattg	ggtatatacc	caaaggatta	tacatcatgc	tactataaag	acgcatgcac	176460
ttgtatgttt	attgtggcac	tattcacaa	agcaaacact	tggaatcaac	ccaaatgtcc	176520
atcaatgata	gactggatta	agaaaatgtg	gcacatatac	accatggaat	actatgcagc	176580
cataaaaaat	gatgagttca	tgtcctttgt	agggacatgg	atgaagctgg	aaaccatcat	176640
tctcagcaaa	ctatcgcaag	gacaaaaaac	caaacacccg	atgttctcac	tcatagatgg	176700
gaattgaaca	atgagaacac	atggacacag	gaagggggaa	atcacacact	ggggcctggt	176760
gtgggggtgag	gggagggggg	agggatagca	ttaggagata	tacctaatgt	taaatagcaa	176820
gttaattgggt	gcagcacacc	aacatggcat	atgtatacat	atgtaacaaa	cctgcacttt	176880
gtgcacatgt	accctaaaac	ttaaagtata	ataaaaaaaa	aaaagaaact	tggcttcagc	176940
tccgctgaaa	caaaaatttt	caaaacgggt	atattgtgat	acacacacac	acacacatat	177000
ataaagtaca	cataaagttc	atataatata	gtatataatg	atataatgat	atattgtatat	177060
tatatatgtg	tatatatata	tgtgtgtgtg	tgtgtgtgtg	tgtatatata	tatatatata	177120
tatatatata	tatatatata	tatatatata	aagttttcac	ccatgggttc	tagctcataa	177180
cttccatagc	ccttgtttca	gtaaacagaa	atctctttct	ctgaccttcc	cctgccctcc	177240
tttctctcac	ctacaataga	actctaactc	gattgtgagt	cataagacct	tcattctaga	177300
gagggctctg	tttcattccc	tggagaaaga	gatgctgcat	agagaggcca	aatggaatct	177360
gaacaaagag	gctttgctag	gttttagatc	tactcttttt	gtccaatcac	attttgacac	177420
agttatccat	gctttgacca	tgccatgca	atgaagtctc	caaaaaaccc	aaaaggatgg	177480
agtttgccca	gattctggat	ggctgaacac	atggagggtc	ctagagggtg	gcacacccag	177540
gaagggcag	gatgctccat	gccacttcc	ccatgcctta	ccctatgcat	ttcttttatc	177600
gtatcctatg	tcatatcctg	tataataaac	cagtaaacat	cagtgtttcc	ctgagtctg	177660

tgagtcaccc	tagcaaatta	atcaaacc	aggagggggc	tgtgagaagc	tgatttatag	177720
ccagttgatc	agaaggcctg	gatttgtgac	tggtgtttga	agtggggcag	tcttggggac	177780
tgagctctca	acctgtgaga	tctgacacca	tctccagtg	catagataga	tattgtagat	177840
agtcagaatt	gaattaggga	acaccagct	ggtgtccatt	gcagtagtaa	ttgcttgttt	177900
gtttgtggga	aaaacaccca	cacatttgg	cacaggtgtc	ttctgtattg	attgttttct	177960
tggtgggaca	gcagaggaaa	aatggtttga	ggtttttttt	tttaaataaa	tagtactaca	178020
atgcaaattg	acaacacatc	tatttctccc	tactcattaa	ataggccaaa	attaattttc	178080
tagtggaagg	acttagcatt	gctgtttatg	aaaataattt	gatgcaaatc	agtaggcattg	178140
ccttgggctt	tttcattgtt	tgcagcatga	ggaccgtcaa	agtgtctctga	gagaatcaga	178200
agcagaatat	tgatggggag	agggcattga	accttgtgac	ttcaagattt	tctccattga	178260
gggtgcta	tttttgggaa	agtgatcagc	taaacatgag	ttatagttca	atagacacca	178320
tggtctgagca	atttaagatg	atatataaaa	ggcccagtc	agatcaggag	gccaaagtga	178380
ctggcgatag	ggatgaagg	aagactcacc	atccttagga	aactaacctc	tgtatggcaa	178440
gatgctggag	ctgggtgggc	ttggtgcaaa	gtgaactaaa	gattcacttg	gttttgggaat	178500
ttgggtttgg	taaaagcaaa	atcacaaatg	gatagggtca	gatcaaattg	aaatttaaat	178560
ggtaaaataag	aaatgaaagt	gttgggtccaa	agtgttgaca	gccaacaagt	gttgggaatgc	178620
acttttgaat	ccagaacagg	taaccacctt	ggctttcatt	actcattctc	agtggaggca	178680
tgtagcagga	gggtgtctga	ttagaggaac	cacaaacagg	tagagctgga	gaaagcagaa	178740
taggaatcaa	gtgtcaggaa	aaaaggctcc	agtatagcag	ttgctatcag	gttgttcata	178800
ccctgtttga	tccctttacc	atttcttctg	gctttgtgtc	ccagctgtgt	ctctttttgt	178860
gggggctact	ctcaagctgc	cagagctccg	tctgtctata	ctcagacagc	cagaagggcc	178920
tgggaatata	tacctctctc	ccacaccccc	agccctcaag	aggcagactt	ttcaaaatga	178980
ctaattgtatg	gaagagcata	aacactccag	tacctccctg	ttaattgtct	ctagagctct	179040
gggggattaa	gccaaagtta	ggccttgtgg	acctctactt	gatactgcct	ttctgataaa	179100
taacttttac	aaaaattctc	atctcaagag	tctttttctg	gggaattcag	cctaagacac	179160
ctagcttttc	aaaaatttgg	aagtaattcc	tagctgtttt	atgagatctg	ggggagtttt	179220
cttatcagtt	tttcttgaat	taggctttta	acatttttta	aagaatattg	atgattttat	179280
tgtatgtttg	tctgtgtcac	aggataacca	tggaaatcact	gcgtataagt	aaggaaaaatg	179340
atttttaatga	atctctgagc	cccttagtgc	tgacactttc	tctatgggta	cagtataaca	179400
cagagcaccc	acattcacca	aaagaagcct	tgtacaggca	ccacaccgta	acgtgacctg	179460
gttacctgg	tctgtccatg	gtgggcatca	gtgtcttcac	ccaaatagtc	aggctctcca	179520
gataggtttg	aaaacttcag	acaaagtga	gatgacaatg	attttctgag	aatgactgag	179580
gagaactcta	ccagaaaatt	gtagacagtt	taccatgaat	acttagagat	aaagagcttt	179640
tccagatagg	ctgtaagata	tagtagttgc	aagtttctat	ttgttaagaa	actgttttta	179700
tttttaaact	taacaaaggt	ttaatagctt	taacatttaa	aaaatttatg	cacaaatacc	179760
ttggtcctaa	gccaaatatt	aacaagtcac	agagcaaaaa	gtaaaacagc	taataaaaaat	179820
attagaatcg	ttagagttca	ctcttaattt	ttaaaattca	attaaaatga	atacaataac	179880
acattttatct	atcacacaag	caaaaaattaa	agtaagaaac	aataaaaaata	tgcatcacta	179940
gagggctaac	attacaggta	ctgcatcatt	cccttaacat	gcattgtttt	atttatttat	180000
ttttttatta	tactttaagt	tctagggtac	atgtgcacaa	cgtgcagggt	tgttacatat	180060
gtatacatgt	gccatgttgg	tgtgctgcac	ccattaagct	gcacccatta	agtcatcatt	180120
tatattaggt	atttctccta	atgctattcc	ctccccatc	ccctcacccc	acgacaggcc	180180
ccaccctgtg	tctaagtgtt	ctcattgttc	aattcccacc	tatgagtgag	aacatgtggt	180240
ggttgggttt	ctgtccttgt	gatagtttgc	tgggaatgat	ggtttccagc	ttcatccatg	180300
tccctacaaa	ggacatgaac	tcatcatttt	ttatggctgc	atagtattcc	atgggtgtata	180360
tgtgccacat	tttcttaatc	cagtctatca	ttgatggaca	tttgggttgg	ttccaagtct	180420
ttgtctattgt	gaatagtgcc	acaataaaca	tatgcgcaca	tgtgtcttaa	tagtagcacg	180480
atttataatc	ctttgagtat	ataccagta	atgggatggc	tgggtcaa	ggtatttcta	180540
gttctagatc	cttgagggaat	cgccacactg	tcttccacaa	tgggtgaact	agtttacagt	180600
cccaccaaca	gtgtaaaagt	gttctctggc	gggcacgggtg	gcccattgtct	gtaatcccag	180660
cactttggga	ggctgaggcg	ggtggatcac	gaggtcagga	gatcgagacc	atcctggcta	180720
acacgggtgaa	acgctatctc	tactaaaaat	acaaaaaatt	agctgggcgc	ggtggcaggc	180780
acctgtagtc	ccagctactc	aggaggtcga	ggcaggagaa	tagcatgaac	ccaggaggct	180840
gagcttgag	tgagccgagc	ctgggtgcac	tccagcctgg	gtgaaaagag	gagactctat	180900
ctcaagaaaa	aaaaaaagtg	ttcctatttc	tccacatcct	ctccagtacc	tggtgtttcc	180960
tgacttttta	atgatcaaca	ttctaactgg	tgtgagatgg	tatttcattg	tggttttgat	181020
ttgcatttct	ctgatggcca	gtgatgatga	gcattttttc	atgtgactgt	tggtgcata	181080

aatgtcttct tttgagaagt gtctgttcat atcctttgcc cacatttgat ggggttggtt 181140
gattttttct tgtaaatttg ttttaagttct ttgtagattc tgtatattag ccctttgtca 181200
gatgggtaga ttgcaaaaat tttctcccat tctgtaggtt gcctgttcac tctgatcgtg 181260
gtttcttttg ctgtgcagaa gctctttagt ttaattcgat cccatttgtc tattttggct 181320
tttattgcca ttgcttttggt tgttttagtt atgaagtcct tgcccatgcc tatgtcctga 181380
atggtaatgc ctagggtttc ttctagggtt tttatggttt taggtctaac atttaggtct 181440
ttaatccatc ttgcattaat ttttgtacaa ggtgtaagga agggatccag tttcagcttt 181500
ctacatatgg ctaggcagtt ttcccagcac catttattaa atagggaatc ctttcccat 181560
ttcttggttt tgtcaggttt gtcaaagatc agatgattgt agatgtgtta ttatttctga 181620
gggtctgttt ctgttccaat gatctatata tctgttttgg tgccagtacc atgtctgttt 181680
ggttactgta gccttgatt atagtttgaa atctggttagc atgatgcctc cagctttgtt 181740
cttttggttt aggattgtct tagcaatgtg ggctcttttt tggttccata tgaacttta 181800
aatagttttt tccaattctg tgaagaaagt cattggttagc ttgatgggga tggcattgaa 181860
tctataaatt accttgggca gtatggacat tttcacgata ttgattcttc ctatccatga 181920
gcatggaatg ttcttccatt tgtttgtgtc ctcttttatt tegtggagca gtggtttgta 181980
gttctccatg aagaggtcct acacatccct tgttaagttgg attectaggt attttattct 182040
ctttgaagca attgtgaatg ggagttcact catgatttgg ctctctgttt gtctgttatt 182100
gggtgataag aatgcttgtg atttttgcac attgattttc tatectgaga ctttgcgtga 182160
gttgcttate agtttaagga gattttgggc tgagacgatg ggggttttcta agtatacaat 182220
catgtcgtct gcaaacaggg acaatttgac ttctcttttt cctaattgaa taccctttat 182280
ttctttctgt tgctgtattg ccctggccag aacttccaac actatgttga ataggagtgg 182340
tgagagaagg catccctgtc ttgtgccagt tttcaaaggg aatgctttca gtttttggcc 182400
attcagtatg atattggctg tgggtttgtc ataaatagct cttattattt tgagctacgt 182460
cccatcaata cctagcttat tgagagtttt tagcatgaag ggctgttgaa ctttcttgaa 182520
ggctttttct gcatccgttg atgcagaaaa gagataatca tgtggttttt gtctttgggt 182580
ctgtttatat gatggattat gtttattgat ttgcataatg tgaaccagcc ttgcatccca 182640
gggatgaagc caacgtgacc gtggtggata agcttttttg atgtgctgct ggatttgggt 182700
tgccgggtatt ttattgagga tttttgtatt gatgttcac aggaatattg gtctaaaatt 182760
ctcttttttt gttgtgtttc tgccagactt tggatcagg atgatgttg ccttgtaaaa 182820
tgagttaggg aggattccct ctttttctat tgatctattg attggaatag tttcagaagg 182880
aatggtacca gctccgcttt gtacctctgg tagaatttgg ctgtgaatcc atctggtcct 182940
ggactttttt ggttggtagg ctattaactg ttgctcaat ttcagggtct gttattgatc 183000
tattcaggga ttcaacttct tcttggttta gtcttgggag ggtgtaaatg tacagggaatt 183060
tatctatttc ttttatattc tctagtttat ttgcatagag gtgtttatag tatcctctga 183120
tggtagtttg tatttctgtg ggattgggtg tgatatccc tttatcattt tttattgtgt 183180
ctatttgatt cttctctctt ttcttctttg ttagtcttgc tagcatctat ctattttgtt 183240
gatctcttca aaaaaccagc tcttggtattc attgattttt tgaagggttt tttgtgtctc 183300
tatctccttc agatctgtc tgatcttagt tatttcttgc ctctgtctag cttttgaatg 183360
tatttgcctc tgtttctcta gttcttttaa ttgtgatgtt aagggtgtca ttttagatct 183420
ttctgtcttt ctctgtggg catttagtgc tttaaatttc cctctacaca ctgctttaaa 183480
tgtgtccag agattctggt atgttgtctc tttgttctca ttgggttcaa agaactctt 183540
tatttctgcc ttcattttgt tatttaccga ggagcaggtt gttcgggttc catgtagtgt 183600
tgtggttttg agtgagtttc ttaactctga gttctagttt gattgcactg tggctctgaga 183660
gacagtttgt tataatttct gttcttttac gtttgcagag gagtgcctta cttccaacta 183720
tgtggtcaat tttggaataa gtgcaacgtg gtgctgagaa gaatgtatat tctgttgatt 183780
tggggtggag agttctgtag atgtctatta ggtctgcttg gtgcagagct gagttcaatt 183840
cctggatata cttgttaact ttctgtctca ttgttctgcc taatgttgac agtggggtgt 183900
taaagtctcc cattattatt gtgtgggagt ctaagtctct ttgtaggtct ctaaggactt 183960
gctttattaa tctgggttct cctgtatttg gtgtatata atttaggata gttagctctt 184020
cttattgaat tgatccattt accattatgt aatggccttc tttgtctctt ttgatctttg 184080
ttggttttaa gtctgtttta tcagaaacta agattgcaat cgctgctttt ttttgttttc 184140
catttgctta gtagatcttc ctccatccct ttattttgag cctatgtgtg tctctgaatg 184200
tgaaatgggt cccctgaata cagcacactg atgggtcttg actctttatc caatttgcca 184260
gtctgtgtct ttttaattggg gcatttagcc catttacatt taagattaat attgttatgt 184320
gtgaatttga tctgtcatt atgatgttag ctggttattt tgccactag ttgatgcagt 184380
ttcttcttag cattgatggt ctttacaatt tggcatgttt ttgcagtgga tggtagcagt 184440
tttcttttcc atgttttagt cttctctcag gagctcttgc aaggcaggcc tggtagtgac 184500

E1
unf.

aaaatctctc	agcattttgct	tgtctgtaaa	gtatttttatt	tctccttcat	tagtgaagct	184560
tagtttggt	ggatatgaaa	ttctaggttg	aacattcttt	aagaatgttg	aatattgacc	184620
cccactctct	tctggcttgt	agagtttctg	ctgagagatc	tgctgttagt	ctgatgggct	184680
tccctttgtg	ggtaacccaa	cctttctctc	tggctgccct	taacattttt	tccttcattt	184740
caactttggt	gaatctgaca	attatgtgtc	ttgggggttg	tcttcttgag	gagtatcttt	184800
gtggtgttct	ctgtatttct	ttaatgtgaa	tgttgccctg	ccttgctagg	ttgggggaagt	184860
tcttctggat	aatatcctgc	agagtgtttt	ccaacttggg	tccattctcc	ccgtcacttt	184920
cagttacacc	aatcaaacat	agatttggtc	ttttcacata	gtcccatggt	tcttgagggc	184980
tttggttcatt	tctttttact	cctttttctc	taaacttctc	ttcttgcttc	atttcactca	185040
tttaattcttc	aaccactgat	accctctctt	ccacttgatg	gaatcggtca	ctgaagcttg	185100
tgcattgcgtc	acgtagttct	tgtgccatgg	ttttcatctc	cctcaggccg	tttaatgtct	185160
tctctacact	gtttatttcta	gttatccatt	cttctaattct	tttttcaagg	ccttttagctt	185220
cctgggttctg	aacatcctcc	tttagcttgg	agaagtttct	tattaccgat	cctctgaagc	185280
ctacttctgt	caattcgtca	aagtcattct	ccttccagct	ttgttcagtt	gctggcgagg	185340
agatgcgac	ccttgaggga	gaagagcgcg	tctggttttt	agaattatca	gactttcttc	185400
tctcgtttct	ccccatcttt	gtgggtttat	ctacctttga	tctttgatga	tggtgacctc	185460
cagatgcgggt	tttggtgtgc	atgtcctttt	tgttgatggt	gatgctattt	ccttctgttt	185520
gttagttttc	cctctaacaa	ccaggacctt	cagctgcagg	tctgttgagg	tttgctggag	185580
gtccactcca	gacctgtttt	ccctgggtat	caccagcgga	ggctgcagaa	cagcaaatat	185640
tgcagaacag	caaataattgc	tgctgatcc	ttcctctgga	agcttcgtct	cagaggggca	185700
cccggctgta	tgacgtgtca	gtcggccctt	gctgggatgt	gtctcccagt	taggctgctc	185760
gggggtcagg	gacctacttg	aggaggcagt	ctgtccattc	tcagatctca	aactccgtgc	185820
ttggagaacc	actgctgtct	tcaaagctca	gttggaatg	cagaatcacc	catcttctgc	185880
atcactcgcg	ctgggagctg	tagactggaa	ctgtttctat	taggccatct	ttgttaagaa	185940
actgttaatt	acccttgcca	aaaagtcaac	atctaaatgt	caagatgttt	cctagtacta	186000
gaagaggcct	ggaattctac	tgtagggac	ttttgcagcc	tgcattggaag	atctgagttc	186060
tgtagggcaa	ccttatttctc	tgtagattt	caagttgcaa	aataattctc	ctgttagatc	186120
ctgtgatagt	taattttata	tgtctatttg	gctaggccat	ggtagtttgg	tccatcacca	186180
gtctagatgt	tgctgtgaag	gtgtttttaa	gatgcaatta	atatttttat	atcagtagac	186240
tttgagtaaa	gcagattact	cttgataatg	tcataattgtg	agtgggcctc	atccaatcag	186300
ttgaaagctt	taagagaaga	agactgatct	tccccaaaga	agaaggaatt	ctgtctccag	186360
gcttcctttg	gacttaaggt	tgcaacatta	actcttttct	gagtgtccag	cctgttgccc	186420
tacctcatg	gcctaccttg	cagatttttg	acttgccagc	ccccataatt	gcatgaatgt	186480
gaaccaactc	cctaaacccc	ccatgccacc	catctccaca	cacacacaca	cacacacaca	186540
catcccatct	tgctgtgtta	agtttgccct	ttcacattgg	tgagccgaga	atgtctttag	186600
gccagcaagc	atgttctagc	agtttccctga	ctgccctcag	atggccgggt	aacagaaggg	186660
tgctgccaat	gggagacaaa	tgttttccag	gagaccagag	gtggaaaaga	gaaattatga	186720
tgtaggatt	ttattgaaga	gaaactctca	tttggttac	aagggtgtct	gtctgccagc	186780
aattatacaa	gttgctaagt	gcattccaat	gtacatgaca	gaaactttgt	taatgagaaa	186840
atacaacgag	aaaaaagtaa	aagagaggag	ggagaggccg	cctatggtag	taattttaat	186900
ccttcagctg	tggtggtctt	agttagaatc	ttactttttg	gcaaataatt	ggtggccagg	186960
aacagaaatc	agtgggtctat	tcttttacta	ctctaagtgt	ggtttggtga	ctagcagcat	187020
ctccatcacc	tcgaagcatg	tcagaaatgc	agaatctcag	gccctactcc	agtcctgcca	187080
atctgaacc	agagttcatc	aagttcccca	gatgatcat	gtgcacactg	gttgtaatgc	187140
agtacatggt	tttggtcccc	cagattcatc	atattgaaac	cctaataccc	agtgggatga	187200
tatttcgaga	tgaggccttt	aggaggtgat	ttggtcatga	gggtagagcc	cacaggatgg	187260
gattagttcc	gttgtaagta	gagacatgag	aaagctggct	tcctgtctct	atgtttccat	187320
gctcctccac	catatgagga	tacaagaaga	ggacagcagt	ctgcaaatca	ggaagggagc	187380
cttcaaccag	acactgaatc	tgccagcacc	ttgaccttag	acttcccagc	cctcaaaact	187440
gtgagaaata	aattttctgtt	gtttaagcca	cctagtctat	agtattctgt	tacagaagcc	187500
caaactaact	aagatattgg	tctagtttat	tactccttgt	cgtaaatttg	taagtcttaa	187560
tgcagaaaag	taacctgaaa	tcattcagtt	caggctctgg	ttttaagggt	ggtgagttat	187620
caccatccca	ttctacacgt	aagacaccta	aggctgggga	gcttaaacca	gttgccctaaa	187680
gtcatagaac	gagttgtctt	ctgcctccaa	acacagcaca	tcccactatg	taccaaattt	187740
ttcagagtct	ctgtgaagtc	tttctacatt	tctccttgac	agaatgaatt	tcctggcctg	187800
aattcatttc	tctgaatttg	ggggagaaaa	gacaaatgtt	accttgctat	tttcgctttt	187860
actctctaaa	gcaggaaaaga	aaagtttcag	ggaacatta	cagtttttcc	tgagggaaaa	187920

tcattcttgac atataggata aaagtgcaga ctctagagct tgagggagac ctatttccaa 187980
 aaggatcatg gagcttattt ctgtcacgtg aatgtgcgtg catgtgtgtg tgtgtgtgtg 188040
 tgtgtgtgtg tagcagggag tggagagctt ttagtacact cagtcacata tagagatgtc 188100
 acttagagag gcaacttacag cagaacctgc tgtcctatat ataaaaaaca gtactgtact 188160
 gtacttaatt tagccctcca gaaaggggtc tgaatatgca ttttgtctaa gaaaattatt 188220
 tcttttcaca acctcatgtg tgatgctgta ggctaagcta atcaatgtag ttaaatttag 188280
 ccttggtttt gaaagtttgt tttagaaaag gtcacggtac taacctata gtttattgtg 188340
 tgaggaaaga aagcatcatg gcaaaccaag caactgatgt gcaccccat cctaagaata 188400
 taaacatatt gtttgtattt gaggttcagt tccacttgca gttagtata ttattctcaa 188460
 agttgacttg attcctgctg tgctgtgaaa tatacaagga caaaaaacca aacaccgcat 188520
 gttctcactc ataggtggga attgaacaat gagaacactt ggtcacagga aggggaacat 188580
 cacacaccgg ggactgttgt ggggcggggg gagggggaag ggatagcatt aggagatata 188640
 cctaataata atgacgagtt aatgggtgca gcacaccaac atggcacacg tatacatatg 188700
 taacagacct gcacgttgtg cacatgtacc ctagaactta agtataaca aaaaaatata 188760
 taaaaaaaaa agaaaagaaa gatattgtct accatggggg tgtgggaggt ctgtgagctt 188820
 gccctttctt gggcaagggg gttgccaga aggtggggg tgggcattta ttcaacctgt 188880
 gcatgtagat atgggtgaaa agaaggcaga aaagggcata ttacagatga gaagatttga 188940
 ttggatacat cctttgatat ggcaactcagt tacatgaaga ggcttagggc tgggggtgca 189000
 tggagacact acctctcccc tgctacatcc acaactgtga gagctggagc actttcaagg 189060
 gccaggagat tctgcttctt ctttgagag gtggggattg gtgatggtag atgggtgtgt 189120
 ggccaggaga ggaactgagg atcagagagg taaagtact cacatcccag agcttcaaag 189180
 aaatctggcc aaactgaaag cggaggtgt gcccctctat ttagagaggt gacagcctag 189240
 aacagtgtctg tccagtagaa ttttctgcag tgttggaat attctataat tttgtcacag 189300
 gtgactattg agcacttgaa aagtagctag tgcaactgaa tttgtcattt tatttaattt 189360
 taataatttt aattcaata gccacaagt gctagtgtct accatattag gtcaattcta 189420
 aaagaagtgg tactttaaag agatgaagt ggaaagcaag agtgaattca gggaaaaata 189480
 cagagtccag gttatgaaag ccaggattct gaaggtacat atgagaacta tctggaaagc 189540
 atcagaaaaa taaagcttcc tagaccaga ccaggacagc ccaatcagag tcttttggt 189600
 cataaccttt aatgagatc taccatattc attggtgaaga agaggcagat ctgggaatgt 189660
 ggggtgcaaa tgataaaaag tcttgctgc caaacttaag attttatact caattttatt 189720
 ggccagcagg gcctcattga aaggggagag tacatggtg agtgcattag gcaaggcttg 189780
 cagcagcctg tgtaagacat gatgccaatg gaagatagga gatgattgca gagctgagt 189840
 ttaaaagata cctggagtat tcatttctcc ctcaaatat gagtgtgttt atttactgg 189900
 gggctgtcca tattcttctc tggcttgaac attggttcaa aacatttctg cagcagcctg 189960
 tgtaagacat gatgccaatg gaagatagga gatgattgca gacctgagt ttaaaagata 190020
 cctggactgt tcatttctcc ctcaaatat gagtgtgttt atttactgg gggctgtcca 190080
 tattcttctc tggcttgaac attggttga aacatttctt agcaaatatg ctgctgcatg 190140
 cctccagtc cactaaatgt tacggtgatt gaaaattaca gttgcttccc ttgggcgcag 190200
 agggggctct ttgtaatgaa atagagatgc agcagccatt tggcatgtgg agtaacagct 190260
 tctctgggac ctccagcagg ggcccatggt atcataaaaag gggatgagtc accagggaaa 190320
 ggaacaattg tgggtctcag agtgtgccct tcctctctta tgacttctga gctccaatga 190380
 gcaatcttaa ctgctgtcac cgggaactag gacaccgtga acacagtgt cgaggccag 190440
 ccgatgactc actgcataac tctgataaac tatttcatgg ttcacagtgg ggagagagat 190500
 tgcttttaaa aattgaaaag gaaaaataa aatacaatat atgttgaatt gaagttttga 190560
 gatggataaa atgccttttc ccaaacagca aagtatcaga agagtcagtt tttttcttt 190620
 aatagtgcg gggtaagggc atgggggagg gagagactgg gtatccttat aagctgctgg 190680
 gagaatggaa agctggggtt ttaggagtgg tttttatctt gttgggagag ttcagctgtc 190740
 atcctgaagg acaggtgacc tctgctggg aagtgttttc ctctagctat gctgttggcc 190800
 ctttatgtgt acagttacac atcacttaaa aacggggatg cgttcaaaga aatgtgtcct 190860
 taggcaattt tgtcattgag caaacatcat agagtgtact cccacaaacc tagatggtac 190920
 atttatgcta agtttcgggt gaatttggcg tcttacagag cacatgatcg gccaccatct 190980
 cactctggcc cctccactc tctttccctc caccttctg gaacagggcc aaagccctcc 191040
 tcttggtccc tggcagaagg gatcatatca ttttctttcc ctgcactttt attaggtatt 191100
 tttctaaata caatttctta aaaaaattc tcacaacaac aattataaaa gcgaatcttt 191160
 ctacctacta aattaataag tgccatttta tggagcatct accatgttct ggacattatg 191220
 caagatgaag cattttaaga agactttgaa gagggccagg agactaaacc tccagagaga 191280
 aaaaaattta gtcactctgag atgtaattga tatctgacaa aggactcact ttagcagtgc 191340

cacagatgtg ggcctctatta ttttcttgaa ggtctgagga tttaaagttat aatatttaaag 191400
 aatgtgactt tgctggcacc tgactatttt tctttaagag atgtttatct cttatccttt 191460
 atattttgtt ttgtaaccat gagtcaagat atttttatta taatgtccaa gtcttttagat 191520
 ggggttcctta gaagcacagc ctgagatggg tatctggtgc atgtatctta ttgtggagag 191580
 ctctaaggat gtgggtgtgt gtatatagag tttggtgtgg ggttgggggc tgtgtccaga 191640
 taaaaggagc tgagcaagga tgtggtctca gctggagact agcctcagtc tgctcacaca 191700
 gggagctctg gggcatgagt aacaccacaa agatggtttt accttaagtc actcagtcac 191760
 tggccaggac tgcccctggg gcagagatgt ggcacatctt tttcagtaag gagggcttct 191820
 ttgatccaag aacaattctg tggagaatag agtatctgtg tgctgtcagc aactgttata 191880
 ggcttactg agtccccgct aaaagccata tgttggagcc ctaaccccca gtacttcaga 191940
 atgtgactgt atttgaagac atggctttta gagagggtgt taaattaaaa tgaggctgat 192000
 aggggtgggt ctaagccaat ctgactgtgt cctcataaga agaggagatt aggccttttca 192060
 atgatcgcca ttctaactgg catgagacgg tatctcattg tggttttgat ttgcgtttct 192120
 ctaatgacca gtgatgatga gctttttttc atatgtttgt tggtcacata aatgtcttct 192180
 tttgagaaga gtctgttcat atccttttgc cactttttga tagggttgct ggagaggatg 192240
 tggagaaata ggaatgcttt tacactgttg gtgggagtgt aaattagttc aaccattgtg 192300
 gaagacagtg tggtgattcc tcaaggatct agaaccagaa ataccatttg acccagcaat 192360
 cccattactg ggtatatacc caaaggatta taaatcattc tactgtaaag acacatgcac 192420
 atgtatgttt attgcagcac tattcacaat agcaaagacc tggaaacaac ccaaagccc 192480
 aaaaatgata gactggataa agaaaatgtg gcacatatat aacatggaat actatgcagc 192540
 cataaaaaag ggatgagttc acatcctttg cagggacatg ggatgaagct agaaaccatc 192600
 attctcagca aactaacaca agaacagaaa accaaacact gcatgttctc actcataagt 192660
 gggagttgaa caatgagaac acatggacac agggagggga acatcacaca ctgggggtctg 192720
 tcaggggggtg ggggactagg ggaggagacag cattaggaga aatacctaata gtggatgatg 192780
 ggttgatggg tgcagcaaac ctgggtgtag caaaccatca ggacgcgtgt gtatccatgg 192840
 aacaaacctg catgttctgc acatgtatcc ccaaacttaa agtatacaaa aaaaaaaaag 192900
 aggaataaga gattaggaca cagggacacc aggggtatgca tgcacagagg atgacctgtg 192960
 gaagaagcag caagaggga gccaaaggga aaggcctcag aggaatccaa cctgtctggc 193020
 cccttaatat ccaacctcca gaactctggg aaataaattt ctattgttta aatcacccaa 193080
 tctgtggtat cttctcatta cagctctggc tgacttaata cagcagccaa catgcacagc 193140
 agctagcaga cgagggtgtg ccaattatac tttggagtgt gtctgggaag agaatttgtg 193200
 tggggcattg atagtagcca ctacaccac ttacaaatga gaacaccgtg acccagagaa 193260
 gtgaagtagc ccacctgagg tcacacagcc aataagcaac ggaggcagaa tttgattgcc 193320
 atctgacctt acagggtgtc ctctagtca ctactttgta tcatcacttc tgttgcaagg 193380
 cagtttttct cagaagcagc agatgtcacc agttaacttt gacttcaatt tctttttggg 193440
 tttttgtttg tttgttttg tttgttttc atctaaattg tgcttacctt atacaaaatg 193500
 gagcttctgg gggaaattga ggcaactcag cacaatgcct atgtctgtgt gtcttctcaa 193560
 agtattgact tttaccttat gtaaaaggta aaaaaaaatc ttatggtttt ggggacgttg 193620
 tagcatatta atcataggtt tcctatacat atgagaaaat aatattttta tttttaatgt 193680
 ttttattaaa aatgaatttg agcagttttt cacaccacaa aatgttattt ttgggaaatt 193740
 aagaaatgct ttgatggctg tcatgttaat acaataata actgtaatca ttctaagcac 193800
 tgccactccc aatttgtaat gaatgaacat ggtcttcata gaggccacat tgagatacaa 193860
 gaataaatca gtttgttctt attagagcct tataatagcc ttgttcagta ttttctggct 193920
 tgggtgaata aagccattac cctcttcaga aaactagaaa agaaaggaca aatagagatg 193980
 gacatctttt ggtagctgcc ttctgctgag ggctcccacc acccaccctc tgtctgcccc 194040
 atgacagcca gctccgcaaa ctttaatgct gaactatgat tagatatgca gagagaggca 194100
 ggggtgtccgg ggcagactct agggcacctg gagaaagctc cagcctaaca gcatttgctg 194160
 tcacactctg ggtcctcttg actgagttct gggacttgac tgagtgggccc tgcaggatgt 194220
 aactggaagt tttagtacga tgaagacatt ttttgcagtt cgaaggatg actacatctg 194280
 agatataagt tcaaagtatg tgaaaaagag gaaaggggtg ggggagctt agggaaaaa 194340
 tctgtatctc cttcctctcc tcagcttccc ctctccacgt tactctcca aaggattagt 194400
 taattctttg tatatgatat tatgtggcaa tttgaaagtc cttatctctt agagatttat 194460
 gtactcattt attcagcaag aagttttggg tgtctgcttt gaatcatgtg ttggggatac 194520
 catggtaagc aggatgggtg tggcctctgc cctcctggag cttaccatct acctggaata 194580
 ttagaaggga tttttatttc agcagacata aagtgccagt cattgtgctg aattagtgg 194640
 tctcaaactt aaggggtgcat caggatcacc tggagagctt gtcaaaccac acattgctgg 194700
 accttcatcc cagtttctga ttcagtaggt tggaggtata ggcaaatttg gaaattttta 194760

E!
 uny.

tttttaataa gagcccaggt gatgttgttc ttgtctattct ggggaccacc ctttaagaac 194820
 cattctggga agcctgtcac atggatttgc ttaaggcatt ctaatggtta aaaccatctg 194880
 ggatgggtggg gggccacag gctgagatct tctaaatgtc taaaaggaac taagttcctt 194940
 tagaggaaac ttggttttct cttcaggcaa agttcctgtt ttatgaaaac actctttttt 195000
 aaaaaaattg ttaatgtata tctggatcgt ttttagcagtt taaagagcta atgcagtaga 195060
 tgaagtgaca gggagttttt catttaacag ttgcatctgt atgtcatttt ctccctgaag 195120
 gttctataag atagagcaat agttctcaaa gtgtgtttcc agacgagtgg catagttaga 195180
 aatgcagaat ctcaagcccc attccagacc tactgaatca gaaacactgg gtgtgggagc 195240
 aagaatctgt tttacaagg cttccagctg attctgaggc aactcaagt ttgacacatc 195300
 tgagatagat ggtagtgaga actaggctca ggctgaatct gattctccca gctcccttaa 195360
 gacggtttac caggatgact aagcttcagt ttttctatct cgtaagtcaa aagtctatcc 195420
 cttgttgtct aatatctttc agagctacaa gaaagataat catgaccttt ctgaaatggt 195480
 tttactagca aagatgaaaa tttctaacta accataaata gacttattca gtgaaagaaa 195540
 ggggattcag atgcagcagt gtgaccttcg gttggtcatt agcttgtctg aaccttactt 195600
 ttcttatctg aaaaagtggg agaaaaatgt cattctagtc tacattgaag agttgttgca 195660
 aagatcaaat ggtatctttg tgctattaaa tggatcaaaa tttttgtggt atcaaatgta 195720
 tatcagcatg ctttttaaac tgtaaaatgc acacaaatat aaagattata actttgggct 195780
 gctcaccctt agctttgttc ttttctatca acaaaatggg agtagttgaa ttacttatac 195840
 ctctatggag attttaagta atttagacaa ctaatagcac agtaactcga gctcttctaa 195900
 ggtaaagtgt ttcttacgtt tatgttttgt ctttaacata caaagggtga aatatgtaga 195960
 aatagtataa aatcttttag attttattat agtgtatact cttatttgaa ctagtcacat 196020
 tctagagcag tgattctgag agggcagcct ccaaaccagc agcatcagca tcagctggga 196080
 acttgtgagt aatgcagatt ctcaggtacc acaccagacc tgctgaatca gcaagtcttg 196140
 ggggtgggacc cagagatccg ttttaacaag cccacagggtg atcctgatgc tcacacaagt 196200
 cttagagaaa ggcattttatt tgggtcttaa ttgaaggatc tgataaaggc catcattttc 196260
 ctggaacagg gtgatgtctt cgtttttcca gcatggattt gaaacatctg tgtccaaact 196320
 cgtgcagcca ttattggatt ccttcataaa cacattctgt tactgtctgc ctggcataca 196380
 gaagatctgg aatgccactc cagtataccc attatgaggc tgacttcagg gtgcaaggaa 196440
 attaaagctg tttatcagac tcttttcccc ttagtgcag gagaaaggaa tcttaagcta 196500
 agaaggcttc aagttgggtc tatgtatgaa aaacatgagg cgtgacaaac acagtttgaa 196560
 cggacttacg ttttttttga cttttccctt tgaaaatgaa aatgagtcct tttgtgggca 196620
 gcaccaaatt agtgggtgctt acttaagaaa tactggagac agattcattc cagtttggtt 196680
 cataacttag gtggcagaat ggcacttttc cctggccact tctttccttc ttccccttct 196740
 aggaggaaat cttaggtagg agagggaag ggactaaagg tgtctgtaca caatgagcta 196800
 cgttttggga agaggagctt agtgttttaa caaaagaaa gtttgtctgt gttgtagaga 196860
 tatgacttgg tccactgctt atgtttgtaa ataaagtgtt attgggacat agccacactc 196920
 atttatttat gtattgtctg ttttcacact acaaaggcag agttgggtag ttgtgacaga 196980
 gaccacgtaa cctgcaaagc ctaaaattgt ttactatct agccctttac agaacatat 197040
 tgtcaacccc ccttgacag gtttcttctg agtctctga aggaaacctt gacggaatca 197100
 gtggacagga aggacagtgg gaggtgaaca gtgtggtgaa atgcctgagg gttcctgtgg 197160
 agtccacaga aaggaaacca cagagaggcg agattccata ttgcccattt cagttgggtt 197220
 cagtatggat tttgagaaat tattctatct aaaataaata aatattttta acttgagtat 197280
 atatttgcaa ttgtctaata cagtcataca ctgcataaca atcttttggg caatgacaga 197340
 ctgcatgtac aatgggtggc cagttaatga agctgaaaaa tccccaacac ctagtgtat 197400
 catagccatc ataacattgc agagcaacat agccactcac atacttgtgg tgatgctggg 197460
 taaataaacc tactacactg ccagtcatat aaaagtgtaa tgcatatatt tatgtacagt 197520
 atagtgatga caaatgactg ttactgcttt atgtatttac tatacttttt ttttttgagg 197580
 tgtggtctca ctctgttacc cagtctggag tgcatgggca cgatctcggc tctactgcatc 197640
 ctccaccttc caggctcaag tgatcctccc acttcagcct cccagtttagc cgggaccaca 197700
 ggtgtgcgcc accacacca gctaattttt tgatttttgg gtaaagattg ggtttctcca 197760
 tgttgcgccg gctgttctcg aactcctgac ctctgtgtat ctgcctgcct cggcctgcca 197820
 aagtgtggg attataggag tgagccacca tgctgtggtt gctatacttt ttatcatttt 197880
 tctaaagtgt actccttcta cttattaaaa aaaattaact gtaaaacagc cttgggcagg 197940
 tcttccggga ggtatttcag aagaaggcac tgttatcaca gtagatggag gctccgtgtg 198000
 tgttactgcc ctagagacc ttgtagtggg acaagatgtg gaggtggaag acagtgggtat 198060
 cagtgatcct gacgctgtgt agcagtagac taatgtgtat gtttgtgtct tcatTTTTaa 198120
 caaaatagtt gaaaaagaaa aagaaagaaa aaatgcttat tgactatctc ctagttagga 198180

gagatatgaa aaaaagaaaa tatttttcgta cagctgtaca atgtggttgt gttttaagct 198240
 aagtgtttatt acaatagagt caagaagttt aaaaaatgta cagtaagctg ctttaatttat 198300
 tattgaagaa gggaaaacat tttttataaa tgtagtgtag cctaagtgtc cagtgtttat 198360
 aagtcctgtag tagcgtacag taatgttcta ggccttcgca ttcactcacc actcactcac 198420
 tgactcaccc agagcaactt ccagtcctgc gtgctccatt catggtaaca gccctgtaca 198480
 gatgtgccat ttaaaaaatc ttttatactg tattttttact gtacattttt aatgttaaga 198540
 tacacaagta cttaccactg tattacaatt gtctacagta ttcagtgtag taacatgctg 198600
 tacagggttg tagcctagga gcaataggct ataccacata aacatagatg tgtagttagt 198660
 tataccatcg aggtttgtaa taagtacact ctatgatgtt cacacaatga tgaaatcacc 198720
 tgaatgacat attcctcaga acatatcctc gttgttaagt gatgcatgac ttatttcttc 198780
 ctggtgttgg gtgttacagg aaaaactact gagtgtttgc cttatttgat acatactttg 198840
 catccattat actatgtaat gttcacaaca attccatgag atgaatatta tcatctttat 198900
 tttatagatg agaaaactga agtgcagaaa gcttaaataa cacagtgtta cagagctatt 198960
 gctagaggct tgatttaaat gcagattttg tttttatgcc aaagccagca ttctaaagga 199020
 gtgtttctga atgttggcct ctctagctag gttgggggtg ttttcaaact gcaggttgag 199080
 aggtcagttt catatgtagt ttgggttaaat aggtccttgg gtatgaaact tttgtttcga 199140
 cagagtgtgt ctataaagat atttataaac atacatatat aagcacattt ctgtgcactg ggcaacaatg 199200
 ctataaagat taaatgatat ttcttaccat gtcgtagttt gaaagccaag ggagtggaca aggaggaatg 199260
 taaatgatat taaatgatat ttcttaccat gtcgtagttt gaaagccaag ggagtggaca aggaggaatg 199320
 aagataaaga aaaaatggga gagcaagagg gaaaaatatg aatgagttag agaatgaata 199380
 actgtcaaag ggacaaagag actcgagagg gagagggaag agaaaagagt ggggaaagag 199440
 ggagaatgga caactcagag aaagagacac agagattcag ggagagttga ggggtggcaa 199500
 gagaaggaag acatcatatg gttctgtcct tcattccact cagcaagcac atgtccctac 199560
 ttgatggcag aactggagat ctctcaggag atttttagtt tcatacactt ctcatgctgt 199620
 gattctcttg tcgttctcag tgtaagtaaa atgaagatct ttattaacat ggcttctagt 199680
 cattacagca aaaagacacc tgcacgttta tgtttatcac aacacaattc acaattgcaa 199740
 gगतatggaa ccaacataac tgcccattac tgatgagtgg ataaagaaaa tgtggcatat 199800
 atacaccatg caatactact cagccattaa aaaaagaatg aaatactgtc ttttcagca 199860
 acctggatgg agctggaggc cattatttcta agtgaagtaa ctcaggaatg gaaaaccaaa 199920
 taccatatgt tctcacttat aagtgggagc taagctatgg gtacacagag gcatgcagag 199980
 tgggataatg gactttggag actcagaagg gaggagggtg ggaggggagg aagggataaa 200040
 agactacata ttgggtacag tgtatactac tcggtgaggg tgcactaaaa tctcagactt 200100
 caccactaca aaagtcaccc atgtaaccaa aaaccacttg tatgcaaaag gtattgaagt 200160
 tctatatgca tgtacatatg tgtataggtt tgttatatat atatgtgtac atacagacac 200220
 gtgcagggtg ctctcttgata taatgactag aagccacggt taataaaaaat aatatatatt 200280
 atttcaatat aaataataaa aataataaaa actatggctt ctccataaca gtattctatc 200340
 tcatctgttg ctgagctgaa aatcagtgat ctgaaactgat gtgaaaaaaa aaaatacgtc 200400
 gtgttgaaat tgctgagaga aggtatgaga tccctagtac actgctttct aaggaactgg 200460
 caaaggcaat ttgaaatata tgtaattttt gtccttttgag ctgactaatt tttattctac 200520
 tgtacagcag ccttttatgt tttagtggga aaccatagat aacaaacaca ttttaacatc 200580
 ttctatttcc agggaattct acatccatta agtatcttac tttcaaagga ttctggactc 200640
 atttaatgaa aagcccattt gtacagactt ggaaattgag tgaacatttg tatgaaactt 200700
 ccctgcatac cgatgctttc atgagaattc tattactcaa tctcagcagc cactctacta 200760
 gattacactt atgttaattt tatcacagaa attggagctc tgtgagttta agtctcttgc 200820
 acaaattttc atctaaaaag tggaagagct agattctagc cttgattttc tgaccccaaa 200880
 tttcatattt tttccactag accagaaata gcaacaatag attgaaaaat aatgtgttac 200940
 aatttggaag aaaaatttta attttaagtc tgagtatggg gcaaagtcta aaatgcccat 201000
 tgttttgctg cagctgagta ttctaatttt ctctccccc agcccaaggg tagttgtttg 201060
 ggtagtctct tatttctagc cccccattag taaattatat tgttatgctt tcttgtagtc 201120
 cattcatggc ctttcttcac tgaagattgt tataaacacc aactttattc tagttactaa 201180
 caatgttgca tcaagttaact tgggtagatg cttattgtca tcagcttagg tgggtattct 201240
 tttttaaaaa aagtgtctgaa tgtaagggtg agtaagtagg acccaccaga gtgaactcca 201300
 tetcaaaagc catcattacc tgttagaaaa gaattgtgtt tttccagct tgccaaaatg 201360
 atgctgctat atatcctatt catcttgttt ggtcctacca gtaacattta aaaaaaaga 201420
 aatatctagg aaaaatgctg tggtagtttt gctccaactt cctatgctaa aaactttatg 201480
 tgtgttgtgt aataggaccc ttcagccagg acatcttgtc ctaccttgc ccctaaattt 201540
 cctcattttt aataaggatt catgcctcca aatgtcaaaa tgttaaagca tattatttat 201600

tcttatTTaa tgattttttt cttaccttca aacggtagtt gctaattggaa atgttccctcc 201660
tttccctctac tgggtttttt ttgctgagtg tttattacat tcaaccaaact acttccagga 201720
agctgagatt cagctctaca ctccatggaa gctttgtcaa cgcaagcaaa atatacatcc 201780
ctgtgaaaaag atacagtatt cttacctcat tataatttta ataactggta gtatctgact 201840
gtttgttcat tatttcagag atcccagaag acccacttgt ggctgaagag tactacgctg 201900
atgcatttga ttcctattgt gtagagagtg atgaggagga agaagaaata gcgttagaaa 201960
gaccagagaa agaaatcagg aatgagggat cccagcctgc ttacagaaca aaccaacagg 202020
tatgtaatgc tccctgtcgg aagccatgga actgttcaag gtactgattg gactctccca 202080
gagaagaaag gaagtcttat aaggtgaagt tggggacatg ggggaacaggg ttattataat 202140
agctacttgt ggtaagtctg gcttttcaag gtccagaggc aggcagggcc ctatggaatt 202200
tggagaatct gatctggacc atgttgatgg ggggaagaact ggagcatgct gcacttattt 202260
gggggggttg gagatggcac acaccatatt cccactgagg agggcttcgt atacagctat 202320
tgaattaaaa aatgcaata tctcttttagc agagagaatg gcacttttta tatacttttc 202380
tgtctggtaa tcatattttg gggtcattt cacaaattga atgcaataaa aatttgtaaa 202440
gactgactta gttttgggga tcagaaccaa agatcctggg cttaggggat aatctgtcta 202500
gctactttta gcctctgagg acacattctt gcttaagtgg tgaagtctct gagtatatgc 202560
cctatgcccct tctagtatag ctcttttaac tatagcaaga ttaagcctta tatgggccat 202620
aggtaacagaa acacccctga catgtgcttt cagtgttgag tgtctgcaac agaggaaata 202680
aaagcaagag gcttatgaag atgaagggga aagctttggg caatgtgcat acataccttc 202740
tttcttgct taccttccaa tcctaaactt ccatgagtta cagaagcttt tgttaactga 202800
gaaccatgca gctactaaaa taaaagtcta ccaaagggca catgagtga gactcaggta 202860
gaggagatga tttttggagt gaagatgatt cactccaaaa atccattcaa ccatttttaa 202920
taaagactat gcaatatatc ataatttca atccattcag ccacttaaact ccattcaacc 202980
atTTtaataa agattatgtg tcataatatt caataaataa aagcagtaag aagtgtctctc 203040
caatttgata ttaagagaga gaggcaagtg aagggtacag gtatggggcc aagcaaaaaa 203100
agggatgaga taaagaggag aaagagatga agagaaagga ttagagagag ataatttagg 203160
agacaaatac atgaagagag aaacaaatac atttgagaa aaatacagct aaagggggga 203220
ttcagaatgc caaaataaaa acttagctta taccgtttcc ccattttttt ccaacggaat 203280
ctggaaaaca acagcacctc ctaccacaaa tcgaaaatat aatttctact accttctgag 203340
ccactgtcat aaacaactgt aacggatatt attgcagcat tacagagcct tcattctggg 203400
cctatggttg caaaacacat gatatgcaaa atacatacag tgtcaattt ttggtaaaag 203460
catcaagcgg taaaatttta gctactaata ttcaacttaga aatgtttttt aagaaaaata 203520
aacagattta gaaccacatg aataaaatac tatatggcaa acagctccta ggtcaggaaa 203580
tacaattttt ccagtctcag aatatccatc tttggcactt agaataatagg gttggaaaac 203640
agattgcttg catgtcttta taacttgcag tttgctgac cttgttcaaa ttactgaact 203700
tcaactgtgc tcagttttct aatctgtaaa gtgggagaat aatggtttct acctcacaga 203760
gtggttttga ggattaaatg aagtaatcaa tataaagtaa ttagaataat gtcagaatt 203820
taataaaaata ctcatgaga tattagctat tattattatg aagttactca gtcaaggat 203880
ccagtacctc tttatgatac tgccaaaact ccttaattgtt aaagtgagat tttctaactt 203940
gcttttaagt aattttttta aaattccttc ttattagtct taaggcagat gataaacata 204000
agggcagcag ttttgttctc tgggttgtat atctatcaca tgttacatga cagattgtga 204060
ttgattttta gtaatctatt gggacaagat gctaaggcct ctcatatggg ttggctatat 204120
ccccaccga atctcatctt gaattgtagc tcccataatt cccatgtgtt atgggaggga 204180
catggtggga gataattgaa tgatgggggt gtttccccag tactgttctc atggtagtga 204240
ataagtctca cgagatctga tgattttata aggggtttcc ttttcaactt tgctctcatt 204300
ctctcttgcc tgcagccagg taagacatgg cttcacctt ccaccatgac tgtgaggcct 204360
ttccagccat gtggaactgt gagtccctta aacctctttt tctttataaa ttaccagcc 204420
tcacgtatgt cattattagc agtgtgagaa cagactaaat acagcctctc acatacatgg 204480
tggtattttg tctcaciaaac cctgttgggt agttatctta ttcctatttt cttttttttc 204540
tttttttttt tgagacagtg tctcgtctg ttgccagac tggagtgcag tggcatgatc 204600
tctgtcact ctaattgagg aaagttagtt tctgagagag gtgtagcctt cctgcggtca 204660
cgtagctagg caaggatcag actcatgcct caggccaca tcagtccat tctcaagtca 204720
atgtttttgc tactatagaa tatatattga cctagaatgg acttggcata agggaaacag 204780
aannnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 204840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 204900
nnnnnnntgt tgccaagtcc attctaggtc aatatacatt ctatagtagc aaaaacaata 204960
cacagtagag caatttgtat agattagcaa aaaatagagt aatttgttta gagtagcaaa 205020

aacaattaca caatagagta atttgtatta gagacaggta attacaaccc catttgtttt 205080
 cttccagtaa ttcaatgtag tttctccttc cccaaagggtg atgaatgtgg actcttccct 205140
 ttcagggttat ttccatttagc aacatacaaa ttacactaca gaactcagtc atgggtcaact 205200
 ttgtgaattg agagagacct gctgccatct ctcagattgg cctcttctcc cttttccctg 205260
 gtcttgccct ggacctctga gtgtgccagg gtctgttag atgggtcatca cacaaatgcc 205320
 ttctatgtgt gtaatcagat caaagttgat tccccctcct ttagatggag ccaaagtcac 205380
 atagtatttt tgatgaaaga agtgctttca aaaagaaaca cagccatgga cttcattgag 205440
 attgattact gagttctttg tgccacccat gacaatcttt ttagtagcag tgtctccaaa 205500
 gcagttttat taagcaccta attgctgatg attgccaaact gtttctctgc tgtgataagc 205560
 acagcatcaa taaaaccttt atcacaagcc attatcataat tgttgatggc tcctctgcca 205620
 agtctgtggt cactgaattg gagccagcat cttagatctc aggagaattg agtttatagc 205680
 tgccgtcata acaggggttct ccacaacact tgtgcaacct gtcactaaaa agtgttttat 205740
 gcgctctaat ggacatggtt tagggctaca ggctgacgag tgttttcaca gactcttctg 205800
 tctttccttt gctgccttga ctatcatttt tctctccaag actaataaat ggctcagatg 205860
 catccagtaa tacacatact aggtggacaa taatgactcg acacaaatct tcctcggaag 205920
 ggctttgttt aatgaatgtg gctgtcactg aggcattgttt taagaaggct cttcaggact 205980
 atgggtgtttg tcttctctaa gatgaaaggc ggcaagattc cactattcca gttaattctg 206040
 aagttctcaa tgctttttcc ccaaactcatt cagagggtttt gaaattctta ggaaaaacaa 206100
 ttgattttct tcttggaaaca ttgtcccggg gcagagaact ggatatgcca taggcaaggc 206160
 ctgagattct gctgaggacc cttggatctg attgtcatga tggtaggtgc ctccaagagt 206220
 tcctgctgtt agttgagtc ttagtttaat cagatcatag taatgataac agtaacagct 206280
 agtattttca gaatcttcat tctatgctcg gtactttgca tgctgtgtca gttcagggtac 206340
 tccaggaagc aggtgatgag acagaattag aaataaaaag gaaattccta tcaagtaggt 206400
 gggaggagtc ttaaaccata ctgatataat tgaggggaag gaaggaagga aggaaggaag 206460
 gaaggaagga aggaaggaag gaaggttgga tgagaacctc aggtgcagt gcaattctga 206520
 taaaaccttg gcaggcaggc tggcaggcag gaaggaaagg tagggaagga gggaggagg 206580
 gagagagaga gggagcaatt ggatgggagc ctcaggctgc actgcaattc tgaaaaaggt 206640
 ttggccctgt caagaggag cgcaaggtgt gttgtctggg tccagcactg cgaaagaatg 206700
 gcctggccct aacttcccc tagtgcttac attgcctggg agttgcctgg gaagcagag 206760
 gcctcagcgt ggaccttgca ttggatcccc gaaggtgttg tagccgaggg ctgtcagatc 206820
 actaggctcc ttgcagcagg gtctatcttg aagggacttg taagtggcag atctcatggc 206880
 tgtcacaggt gtattatttc atttaattct tgcaacaact ctgatgcata tattctagat 206940
 gaactgcac aaactagaat ttaactggct ggaattcaaa taaggagaga ggcagagata 207000
 aaggagaagg tgaaggtagg agaaaggaag ggatcatgag ttagggattt catgtgactt 207060
 ttactgaatg ctccagagtc aaaatgagct gagagatata aatccagtcc ctctactgca 207120
 tctcagttcc tgcactctctc agactgtaag cctcttggtg ctttgaatta ttgtttaga 207180
 cttccagtat ttcagataca tatttttcac acaatctagt ccctacgtgc aaatcagcta 207240
 tttcatttgc tcaaaaaaga aacagcagtg gaggatattt caagtgtga ctttaaaacc 207300
 taggtccctt gaaagatact gtttgtgaca tcctaacttc acacaagagg aaactgaggc 207360
 ataaggaaat taagttacat ctccaagacc acacagctag taagtagcag aactggactg 207420
 tatgaattta tttttagcct ctgctttata cagtctttcc tctgcacaac aattagaatt 207480
 gcttctcctc cactgatgat agagtaaatt cgttaggtgc aagggaatag ctgcagggcc 207540
 attgcattat ctggtactct ggcaagacct ttttactaaa cagaatgact gtgctatgta 207600
 caaggcaaaa tttaaaccag ttccaggaag agtgctgagt tatgaaaagt aaaacaaaaa 207660
 agaccaaca tctctcatct gttatgggat acagatttat ctctcctac tatgtccttt 207720
 tcttttttaa gataagttgc cagaactgtt gaggctccagt agtgggactt atttgcctgt 207780
 tattttttaca tgatctgacc taattaattt accttcatac ttgggaagaa acactttttg 207840
 tcttaaatcg accttagagg tcatcagttc taaaaagcag actcccagct gtttcagatt 207900
 gtcgatcatt tttccattag cattccgctg gcctgtgtcc caggctgtaa agccatcagc 207960
 cttgctacag tgttagtgga tactcccagt ttggtgtgtc attccttcta ggtgatgggc 208020
 cttctgtaga ctgtgtgttg ctcaaaggag agacttttag gtgacaattt ccaccctac 208080
 cccccctcc agccctcatt tccgtcatga ttcttcccc ttctctctct cccatttctt 208140
 gtccagatca aagcatagct cattgctagt catattagga ccagtcaaac cttgtctgtg 208200
 aatacagcac agtgggggtt gttttttttt ttacattata tcaacttact ctcttaacaa 208260
 tttgatatac tattcttttt ttttctcttg gcttttattt tatttttaggt tcagggggta 208320
 catgcgtgag tttgtgggct ttgtaggagg ctttagtcatt aagtctttaa aattaggtcc 208380
 attatagggt ttaggatcac acctacattt ttcaccccaa taccaaagca tggagaaaaa 208440

ggagaaaggc aataggggtga aaaaagggca aagcaaattct gagcaggaat gcaaagtgtc 208500
 tgagtgttcc cttcagtggtg aagatggaga ggtcaccagc cccacagtct cccttgttgg 208560
 tggctgatca gaggtccaca ggtcaatggg caaataaagg gacggtgacc ttcactgtga 208620
 gatgccctgt gctccgctgt gctgctcctg gaactttggg gtgagagtgg tgagacacag 208680
 ctgataagag tagttgcagt ggacctctta gtgcttttct ctccaacaat cttctccctc 208740
 cactacccta cattaatccc tgtttcccta gctatcatca gagctgaggt gccctgacca 208800
 tatggtgcac agaaacctg caaaaaatat gaaaaccatc ctaaacagcg ttggcaaaca 208860
 gaaaaatata agtcccattc aactgttttg tgatcagaaa tttattttta ttttctgaat 208920
 atttcattca cctagacagg gagagtaaat accatttcat ggtgtccagc ctgggaggaa 208980
 aggggtgtga cacatggggg ccattgttgg ggggtgcattg tccccacata acctggtaat 209040
 ctgaaggcac aggggtctat gtcacccctg ggaaaacacc agtcataata agacagagct 209100
 accttgcagc atccaggtgt tgtgccaac cctttacatg ccttatccca ttcatactca 209160
 cagcactcaa tgcaattaac atctctcacc atttacaat gagaaagacta tgaaacagac 209220
 agattaacta atttgacctg agttacccca tccaatgaca gagctggggg ttaaaccagc 209280
 aaatattcgt tgtaccaact attaggaatt tggagtaagt atagaactta atgtagaagt 209340
 tggtaaaagga gaagaaaagg agattcttgg gacctaaagt acagctccaa agtgtgtgaa 209400
 aatggactat gagctgatga tttaaaatac tgtttaaatc acagggtctac atttttact 209460
 tactctgtgg gatttaaaata aaagtaaagg taaaactaga gttaaaaata gaaatctgca 209520
 ataaacaact gtgtatcaca atgactatct tttggactga aaaattcttg tgtttttgtg 209580
 gcaataaacc tcccttaa atgcaggactt tcttctctag gctattgtat gtatagagt 209640
 gaaagagatt aagtagtta taaagagcaa gtggaaggat tgattagagg tagcttttct 209700
 ttcactgtgc tggaattcta gaaatggatt gttgcagagg gagtacaggc ctcaccagtt 209760
 cctggaaaat ccattgccct gttttgggta ggtgttacgt tgccattcta tcagccctgc 209820
 ttttttttctg tctctttatc ctttacattt ctaaaccgta attctaaatg tcttaagagt 209880
 tctgtcattg gataacctatg aatgtctttg aaacctaaa gcaatcccac aggcattgac 209940
 ttgccgagaa cctgggcatt aataagagac agctgcagtt agaagggttt aataatgcag 210000
 agtaaacaag gcattagcag tgaaatgtgg acaggttgac agtcacgttt cagcaattcg 210060
 gaattcagtg aaagaggctt ttagtcttat gggagctgtg ggggcttgtt ggcagtttga 210120
 gttttgcaga tgtggtctctg tgttctatc accgcacaca ctttaaggca gaaggccacc 210180
 atcagtagtg agataggagt tacgatatta gcttctctgat ttcagggaag ccctcacaaa 210240
 ggtgccatca gctctgtcct atggctttgt gctaaacggc atcttctgcc ttcctatgaa 210300
 ttatgaatgc atataagcaa gggcttggct tctaagtatg tcaagctgag atgtgaaagg 210360
 tacatctgag tgtgaagaag atggataagg tcaccttggg gttttgggtt ctgtaactta 210420
 gtgacatttt ccagggtgt tctggacacc atttgtggga gagttagatga tagtttaaaa 210480
 atgcaacttg gagaaaaaag taggtggggc tgggtacatt ggctcattcc tgtaatccta 210540
 gcactttggg aggtctgaggt gggaggattg cttgagctca ggagtttgag agcagcctgg 210600
 gcaacatagt gagacctaat ctctacaaaa aaattttaaa atagctgagc atgggtggcat 210660
 ggtggcacta agctacttgg gtggctgagg caggaaacatc acttgagccc aagagggtga 210720
 ggtgtcagtg agcgatgatt aagccactgt actccagcct gggcaacaga tgagaccctg 210780
 tctcaagaaa acacttttag aaatgcaaca tagtagagt actttttggg tcattcattt 210840
 atgcatcaca tatttgaatg gtctaagcac tgggtatatg gtagtgaaca caatagacat 210900
 agttccacct tcatgggac tcaactcagcc ttacatat tcatagattt tattgattga 210960
 catctcctaa atgtgtgct tctattcttc agttctattt tcgcagaact ctagacttac 211020
 atatccagtc tgctggggag tgggggttagg agtctcta atagacatctg aaataagcat 211080
 gtacgaaaga actctagact cacatatcca gtctgcctgg gagttagggtt aggagtctct 211140
 aatagacatc ctgaaataag catgtactaa agttaagccc ctcatatact ctaccctcag 211200
 tocaaattag ctctctctga gccaacctcg actgacatcc tttcactcac attcatatcc 211260
 aatccataag caaaacctat tggcttgacc tttaaagtat acttggaaat tgaccactac 211320
 ttactacctg cattctact gcgaaagcca tcatcacctt gtcgtagctt cttactggct 211380
 tctactaac cctcccgctt cattcaaagc aaagaaaggc ttttcagtag ttcactcatc 211440
 tcacctcact aagccctct cttccatcaa catgagaatt gtccctactc actccaccct 211500
 tccagttctt ggaacacacc aagcatgtcc ctggctttgg gagccttgaa tgctcttccc 211560
 accagatata caaatgat tctccctccc tgtcttcaag tctctgttta tatgtcatct 211620
 tateggggag gactctgacc acctatatg aaatagcttt cactggactg agaatccctt 211680
 ctttctctc ctactttatt ttcttccata gtctttattg ccgtctgagt ggccactatt 211740
 gcttattctt ttatggcctg tctccctctg ctagaatgaa agccagtaga gcagatatct 211800
 tttttttttt cactgctata ttcccagcac cttgaacagt gtttatcaca gaacaaatac 211860

ttagtagata ttgtggaata cgtgaatgaa tggatgcagt gtacagtcta gtggtacagg 211920
 tagccaatta gccaggacac aaacaaagaa gtaagagcaa ctagaaaaca aagaagctga 211980
 agtgatagag gaatgggcat ttgggggttta gggaaagacct actaataagg gaagtcaagg 212040
 agaatttcta gagattgact ttccagccat gacctggagg atggaaagga gccagccctt 212100
 gatgggacaa aagggaaactg ggagaagagt gcttcacaga gagggaaacag agagtgaagg 212160
 aaagctccag gtcataaaaa cctgggacg tccagaaac tgcatagtga gcaaaaagat 212220
 catagtgagc aaaaagatct tggggatgat agagatattc ttacccttgc tttaggtggc 212280
 atatacacag gtgtatacat ttttgaaaac tcatagaatt gtacccttaa gatcttgc 212340
 ttcacgatgt gcaaatttta tctcaataaa aataatgcat cattaataat tacatcaaaa 212400
 aaagaaaaac taaaaaaa ctacaacaga gttgcaatat tcatgtagat agatgagctc 212460
 tataggtctg cagcctgcat tgaggccact tctggctgc ttgtggacag tgcctggcca 212520
 cagcttcaag aaggtctgga taaactcaaa tgaagcctct caggaaaaaa aaaacatggg 212580
 tccagagtga ctctgggtga ggagggaaga ggaagagggt tttgcatgat ttggtgggat 212640
 ttacttctct atgggatggc tctgagagaa gaggtgacca agaggtgaaa gaaatcagcc 212700
 cgtttatacc ctaacatctg ttgacataag gttgactgag gacgtgcctg gggctctgagc 212760
 aagatgaagc tcagctgagc acttctccta gctggggctg tgatagaagg ttatgcgtac 212820
 tctactctat atataccttt ataggtctat gctgctcag gattgtttgg cagatggagg 212880
 acatgggtgc aagcctggca gcacagcat aaagcaaagc atgcatgcat ccattctcac 212940
 tcagagcagc tttcagccac tggaaacata aaacacttct gtactctga acccatctat 213000
 gtgtgtgttg atatgtgcca agccttctct agatatgcct tcgggagtca gtatagccta 213060
 ccagccagga gagtgtgag ggtgctagat gtagacagat ggctgagttt tcacaccttc 213120
 aaggtgaagg agcagtgagc aaaagaataa ccttttggga gactctcaag aacatctaaa 213180
 gatagatatg caatctctaa gggactgctg gtgctcaaac tgagctctca tcccaaacta 213240
 agttcttctg gcagctaggt agctttcatt cattcattca ttcattcatt cattcacaca 213300
 gtcacaattc atttgttacc aaacaatata cataatatta tatatagtta tcattttaca 213360
 gatatacttc ccttagttat ccattcagct tcaatgagaa ctgtgtaaat ggttttccact 213420
 tacctaactt tcaaacaaaa ccctgtcatt ggttttccat ctccaactct ttaagtttca 213480
 aacttgggtca atatttttct taaccaaactc atttatctat tgtttttagt caatgtaatt 213540
 tttttttccc ttttaactcat ttagcgagag caagttcact gtggatagtg gaggagggaa 213600
 gaatatggca tcttatgtct ttaagccttg ccttcctctg gctcctttct cagaatcttt 213660
 atccacagaa aggtctaactg ttcttagact tgggaaaaac aaacctctta gaactaggct 213720
 tctcccatga gtgggttttt attgggtttgt ttcctaatag gtgtggcaaa acctctttcc 213780
 taccttgctg cacctttttc actggagttg gctgcagctt ggacagtacg ccacaaccag 213840
 agtctcttgg ataagtgact gtcagcaaca gcttgagaaa caaactgtca gaaaaggatt 213900
 atttttctcc aaatgggagg ctaaggcttc atctctcttc cttgtctttg tatacatttg 213960
 acacataatt ggtttttgtt gttgtttgtt ttgtgtgtgt tagaaacagg gttttatttt 214020
 tgaaaacaga aaaagcaaac aatattttta aaatacagtc tatcgatgtc atcatatttg 214080
 gcttggaaata cacaagaatc cagtgactga aatgtctgtt ctaaaaaacat aaacattttc 214140
 ttatatcagt tccaaccctt tttaatttaa taaatatttt ctgaatgaaa tacaactgga 214200
 taatgaagtg acacagtttt tttcttgtga attgaatctt tctgtatgac tagctctaag 214260
 tgaggagatc atctggatta ttttgtcaaa caactgcctg ataactaaat gaagatctac 214320
 atggtgtgat ttttacaatc ctgtgaagac cccatctgac tttctccttt gagattgcct 214380
 gcttgctgct gcctaaactt ttctatttag aaattaactc ctctgatatg aggtcatatg 214440
 ccttatgaaa tacaatatc ctgagagaga taacacataa actttatcaa ccattttttg 214500
 gttttaatgg atctgtcata tctcttcttg acagagagca tattttaata gataggagaa 214560
 tgaaaataaa tatgaaggca tatattagct ccctgtgtaa gaaaatatac ttgttgggaa 214620
 gtgcaggagt gtagagaaaa gagtaagagc agagaaagag gaggggttct aaattgtcat 214680
 attccttgac ccagtaattc tatttctgat gggccaacct aaagaaataa caataaacat 214740
 gaaacaaaga tgatgtgta aagatagtca ttgcagtatt ctttaaaaca aaataaaatg 214800
 aaagcaatct agatgtccaa tgataagggg atggataaat acatatgata tgcctttagg 214860
 gagcaatggg ccagccatta aaattatgct tctgaagaat ttttaatagc gtcagaaaaa 214920
 agtctgaaca atattgtaca ttttctgttt ggaacagaa aaacaaaaca atgtttttta 214980
 aatgcagtct attgatgtca tcatatttga cttggaatac ctgagaatgc agtgactgaa 215040
 atgtgtgttc taaaaacaga aacatttttt atatcagtac caactccctt taatttaata 215100
 aatttaatat tccaaacaat attgtacaac agtacattgt actgtttttt tgtgtatttt 215160
 atgtatagac acacataaccg tacatatata gtataatctc aaatatctaa aagataggca 215220
 tgcataatagc atacatatat agtatgatct gaaatatcta agagatagat gtatatagaa 215280

aagactgact atatatgttt atgtgtgtgt gtttgtatta atagcagtgg gatttgggggt 215340
 atttattttt tttgataatt ttctatatatt tccagattaa aaataaatgg gaattgttag 215400
 agaaaacatt attttcaata tttgtatttt gacattgtct aaaaagggag attccttcag 215460
 atagtatagt ttttctctgt ggctgctagg caggcattga tagttatcat gtacttcctg 215520
 gatctgactg gaccttttga gaacagctac cattcctcca taaaagcaat gtctaattca 215580
 ttagtgaaat gactgcatag gtttctgaaa aaaaatgtgg gcatttgact aaacttgaat 215640
 ctgtgggaca gtttttcaga attgaatctt acaagatatt cctcatgtct ctaaggcatg 215700
 ttattataat ggaggggttt gtggctatgg aggaaggaga cttgaagaac atttaagttc 215760
 atcaacaaag aagccgttgt ttttttcaca gcatttgaaa atctggcttc ccagcacttg 215820
 gctgagatga ctgaaggctg gtgacactgt aatttggcat ctgcaagat gcagttactc 215880
 tctcaggcca cttagctcca gtaaagttca atttaaatta tgaaacaggg aagaaatgca 215940
 aaagtccaa tcagcagcat aattctcaat cacactggcc ataatatgct cctgaaagat 216000
 gtttctcttg actgaatctt tgctacgccc ggctgatttt tgtattttta gtcaagtcgg 216060
 ggtttgacca tgttggccag tctggtcttg aacttctgac ctcagggtgat ctgcccacct 216120
 tggactccca aaatgctggg attacaggcg tgagccactg tgcccagcca taaattctta 216180
 attttctta gtataaccac aaacctgaaa ataattaata cttttcccag atcattagga 216240
 tgctgttttg gattatttca agcctgcttg gtggaggaca aatttatttt gtattgaaga 216300
 caatattttt aatcaaatc agttctgtga tttcccaac cgttatgggg gaagtctgac 216360
 tcttaagtgg ggttaaggta aatgacgagt ggtattctta gatttagcac tccttgaaaga 216420
 ccatacatatt ccaaagaaga gctagtgtgt tcccaaggga aaaaatgcat tagatttctg 216480
 ctgtattgac taaattgtaa attgaataaa atatttcttt tattctaata gcatttacta 216540
 tgtttataga tttaatatgt atttattata gataatttgg aaaagacata agcacacgaa 216600
 ggagacaata aagatcactc ataatttaat cttttagtca aaacctctgc taacattttt 216660
 ttgtatgttt ttgcatgac agatagagca ataaatctag agattgttat ggagagagtg 216720
 atgtagatat acataaagtt attttcttt ttaaaaatag gattatactg aaataatttt 216780
 ggaaccagat tttttttctg cctaaatgta gtaagaacat ttttccatgt tattaagtat 216840
 ctttctacca tacagggaat ataaacattt ctcccttatt ttgacaggac agtgatatcg 216900
 aagcgttggc cagggtgttg gaaaatgtcc tgggtgcac ttctctaggt gagtaagttc 216960
 ctttaggctt caaaatacat tgacagctac tgattatctt ggaataactt ggaagaaatc 217020
 ttacaggtgt ttaagtctga tatcttagta taacagatga agaaactgag gccaatagaa 217080
 gttgaatgtc tgacccaaaa gccaggaaac tcaaagaaaa attgcttatt attattgtaa 217140
 gtaactctta gtctccaagg atgaaataat tgaaattcag tggctccttg tgatcaaatg 217200
 gcagcctagc agtgcataat aacaagtttg tgcagtttct ggaaaaagga acctccctac 217260
 ctaacttgct ttttagaagc agagagcaca gtacattcag ttaagctggg aggaccatca 217320
 ctccgaaggt cagtcagtta tttgaagaga tttggtctga aaaacaaaac taaaacttgt 217380
 ttagcattgt cagtcctaat aaataggatt gctatgcttc agggataaag ccctatttct 217440
 tagtttcttc tatttttttt ttaatctgag aagcctaact gagatacact ctagcactag 217500
 atgataaaca gtgacacaga gtattcttac tagatgaaaa gggctgagat atttttttct 217560
 tctaaatttg attacaagtt tttattttaa aaattttaa tctaaaccaa aagcaatctc 217620
 ttcaaaggga atggcagggt aaaaacaaac aattaagttt tcagggtggg aacatttcac 217680
 tcttttatta ggagctttat gcacaattta tagccttttt ctagcttatt ccacatctoc 217740
 atatgggaaa cctcagtcac aacataagtc tttgattttc tcacctgacc atcacctgt 217800
 gatctgttta attgtatct aaatacactt atttgatgca tttaacattt aacaagtaca 217860
 tttaacatcg aagcatgact taagaccagg aaggcttttt cctctctgga ccttagatta 217920
 gatgactaat tttcaatcta ggctccttag agacctccag gatgaggggt tgggtgtact 217980
 aagcagcatg agaacagaag ctgtgtctgt actgctcatc tctatttttc cagagtctaa 218040
 cactgtgtct ggtgcagcag aggtctctta aaaatatttt aaaatatttg tggtcgaagg 218100
 tgggtggctc cacctgtaat cccaacgttt tgggaggctg aggtgggagg atcactcgag 218160
 gtcaggagtt tgagaccagt ctgggcaaca tagcaagacc cgtctcttaa caaaattttt 218220
 taaaattcag ccaggcatga tagcctgtgc ctggagtctt aactccatgg gatgctgaaa 218280
 ctaggagatt ccttgagccc aagagattta ggctgcggtg agttgtgatt ataccactgt 218340
 acttcagcct ggggtctaga gtgagacctt atctcaaaaa tatataattt tgttataatt 218400
 tctataaagt aaaggggtac agtgcagttt tcttacacag atatatgca cagtggtaaa 218460
 gtctgggctt ttggtgtaat catcacctga atatggtaca ttatacccat taagtaattt 218520
 ttttatcact cacctctctc ccaacttccc actcttctga gtctccaacg tccgttactc 218580
 cacactgtat atccatatgt acacattatt tagctccac ttataagtga gaacattggg 218640
 atttgacatt ctgtttctga gttgtttcac ttaagataat ggctccagt tctttctatg 218700

ttgctgcaaa attcatgatt ttattctttt tttgtggttg aatagtattc catttgttgt 218760
 gtgtgttgtgt gtgtgttgtgt actgttatcc aatcgtcctt tgacggacac ttagggttgt 218820
 tccatatctt tgctgttgtg aatagtgtct caataaacat aaaagtgcag gtatcttttt 218880
 gatataatga tataatgata ttttcctttg ggtatataacc cagtagtggg attgctagat 218940
 tgaatggtag ttctttgagc aatctccata ctatttttca tacaggttgt acaaatttat 219000
 attcctacca aaatactgta taaatgttcc tttttctctg tatcctcatc aacatctgtt 219060
 attttttgtc tttttagtaa tagccattct gactggtgta agataccttc ttgtggtttt 219120
 aatttgcatt tatctgatga ttagtgatgt tgaacatttt ttcataatgtc ttttgcccat 219180
 ttatgtcttc ttcttttgaa aaatgtctgt tcatgcatgt cttttgocca ctttttattc 219240
 gagttagttg ggggtttttt gttttttgtt ttttgtttg tttgtttgtt tttgggtgatg 219300
 gttgtttgag tccctcataa attctggata ttagtccctg ccagattgat agtttgcaaa 219360
 tattttctcc tgttctgcag attgtttgtt taagctgttg atttgtttct tttgctacac 219420
 agaaacattt tagtttaatt aagtcccatt tgtctatttt gggtttgttg cttatgctct 219480
 tgtagtctta gtcataaatt ctttgcatag accaatgtcc agaagagttt tccctagggt 219540
 ttcttttaac aaaaaaattt tttttattcc aataggtttt tggggaacag ttggtgtttg 219600
 gccacatgaa taagtctttt aatggcaatt tatgagattt tgggtgcacc atcaccctag 219660
 cagtgaacac tgtaccagc gtgtagcctt ttatccctca cctccctcac cttttcccca 219720
 caagtcccta aagtccaaat gtatcattct tatgcctttg tgtcctcata gcttagctct 219780
 cacatgagtg agaatatagg atgtttggtt ttccattcct gaactacttc acttacaata 219840
 acagtctcca tttccatcca ggttgcagca aatgccatta tttcattcct ttttatggct 219900
 gaatagtatt ccgtgggtgtg tgtaccacat gtgtatgtgt atcacatttt ctttatccac 219960
 tcattgatcg atggacattt gggctggttc catatttttg caattgcaaa ttgtgctgct 220020
 ataaacatgc atgtgcatct tttcatata attacttctt ttctcttagg tagataccta 220080
 gtaatgggat tgcgtggtca aatggaagat ctacttttag tcttttaaatt aattttcata 220140
 ctgttttcca tagtgggtgt actaatttac attcccatca acagagtaaa agtgttccct 220200
 tttcactgca tccatgtcaa tatctattat tttctgattt ttaaaattat ggccattttt 220260
 gcaggagtga ggtggtatca cattatgggt tttatttgca tttccctgat acttagtgat 220320
 gttgagcatt ttttcatatg cttgttggcc atttgtatat cttcttttga gaattgtcta 220380
 cttatgtcct tagcccactt tttgatggga ttttttttg ttttctctt gctgacttgt 220440
 ttgagttctt tgtagattct gaatattagt gctttgttg atgtatagat tgtaaagggt 220500
 ttcttccact ctgtgggttg tctgttaatt ctgctgttta tttcttttgc tgtgcagaag 220560
 ctttttagtt taattaaagtc ccatctattt atctttgttt ttgatgcatt tgctttcagg 220620
 ttcttggtaa tgaagtattt ggctaagcca gtgtctacac ggggtttttc tgatgttatc 220680
 ttctagaatc tttatgggtt cggctttaca tttaaagtct tgatccatct tcagttgatt 220740
 tttgtataag gtgagagatg aggatccagt ttcattcttc tacatgtgac ttgccaat 220800
 tccagcacg atttgttgaa taggggtgtc atttccctact ttatgtttt gtttgctttg 220860
 ttgaatatca gttagctata agtatatggc tttatttctg gattctctat tctgacccat 220920
 tgggttttgt gctgttttt ataccagtc catgtgttt tgatgactat ggccttataa 220980
 tatagtatag tttgaagtca ggtaatgtga tgcctcaga tttattcttt tttcttagtc 221040
 ttgctttggg tatgcaggct cttttttggt ttcatatgaa ttttagagtt tctttttata 221100
 gttctgtgaa gaatgatggt ggtatttgat ggaattgca ttgaagtcatt tttcacaatg 221160
 ttgattctct ccatccatga gcgtgggatg tgtttccatt tgtttgcac atctatgatt 221220
 tctttcatta gtgttttgta gttttccttg tagaaatttt tcaactattt ggttaaattgt 221280
 attcctaggg tttttttttt ttgtagctat tgtaaatgga attgccttct tgatttggtt 221340
 cttaatgtga ttgttattgg tgtacagaaa tgccatagat tttggtatgt ttattttgta 221400
 tctgaaatt ttacttaatt tgttcatcta atctaacagt ttttgagaa gtctagtgtt 221460
 ttctaggat aagatcatat gatcagcaaa ctgagataat ttgactttct tttttccaat 221520
 ttgggtgcta tttatttttc tcttgcttggt ttgctctggg taggactcct agtactgtgt 221580
 ggaacaggag taatgaaagt gggcattctt gacttgtacc aggttttagga gaattgcttt 221640
 caacttttcc ccattcagta tgaatgtggc tgtagatgtg tcatatatgg cttttattat 221700
 tttgaggtag gtttctttta tgcctcattt atagaagggt ttatcatgat agaagtcga 221760
 cttttttcaa atgctttttc tgcactata tagatgatca tatggttctt aaaaaattta 221820
 tgtgggtaca tagtaggtgt ttgtgtttat ggagtacatg agatttttta aataggcata 221880
 caatacataa taatcatatc atggaagctg aggtttgggt ctggaaaaat gcttggggca 221940
 cttcctggag cctttctttc ttacagcctg ccagcctttc tccaagttag caccagggt 222000
 ggtgagggac aagggtgctc tccatggcct ggattgcatg gtccccccgt ggaaagctgg 222060
 atcacagaga aacagtctct ctcactctcc catattaggg ctttactcac agttctcagt 222120

cagttgttgg catgcaggct gtctacccat cctctcttca ctgggatctt tccttttcca 222180
 gtgaattcct ctgttctttc ttgaataaaa gattatagtg tgaatctctg tgcactattt 222240
 tgctttttcc atgtgaaata tttaaaaata tttttaggag aaattagatg cagaccctgt 222300
 tctttttacca gtttcaacca aaattatctt cactcttatac tgttttataa attgaatttc 222360
 tataaaagat tgtgtctgga aaaagataga ttccactgct aaaaattgaa atagcactga 222420
 ttgaatagtt aatatccaaa ttcttttcta ggctgggtgt tttttttttc cttaaagaaa 222480
 tgagcattag aatcatggag taaaaatata catttatctc tgcttgaagt cccactaaca 222540
 tgacaaaaaa ggaaaaaagc taatataaac ctacagaaaa aaaagagaac ataagaggag 222600
 atggaagcag atgagagctt tagtgaactt gagaaagata taaagcagat agatgagtga 222660
 taactgattt agaaaacaga gaaagctgaa agctaagtgc ctaagatgta tataggaaa 222720
 aaggggaagg aaggtgtagg ctaggagaag caaggcaact gaacctacag aatctcataa 222780
 atgctcaaga tttggaggcc tcaactaccg ctgaaggcat ggtatagggtg aagattaaaa 222840
 tgggaagatt ggttgacagt gtgcgtaagg agaaatagac cccagggtgc tttctctcca 222900
 ctggcacagc cacaatattc ctctccacag tcaagacaga agaaaacaga ctcgatttgg 222960
 gggaacattg aatcaggaag gttttaggga caccaaagga caggggtgat tgatgtgatg 223020
 aaaacaaaga gatgagttga aagtcttcat attaaagttat gaaaccccca gataccattc 223080
 ctacttggct tctgaaacac tggagaaca gcatggactc cttcagggttc agaaaagcat 223140
 ggactcttta gaagatatct ctctgacagc atttaccagc ctgagaatcc taaggatgtt 223200
 aacatttcct caacaaaatg gtgggaatga gcgctaccag ttgacaatct ctgaatctgc 223260
 agaaagagct taaactgact tttaattttt cactctaaa tgtgaacatg tagcaatgca 223320
 gtagccagta tctgaggaaa tctaaccaaa aagagaaatc aagacaaaaa tatacaaaga 223380
 actcaggaaa cagacaatgt agacaagaaa ataaaaattc aaaaactgtg tatccacaaa 223440
 agttttttta aataaaaaat taaagaaaca atattaaaaat tctaaaagat agcagagaaa 223500
 gtattacctc tgtgaagcaa atcatacaga gaataagaaa gagctcttaa agttataatt 223560
 ttaatggcag aaataaaaaat tcagtagaag gtttggaaaga taaaagttag gaaatttacc 223620
 agaataat taataaatgg taagaaaaca aagtgtattc tctacgtgat tcagcaccta 223680
 acaaatagaa attccaggaa aaaagaacag aaaaatgaaa aaattatcaa ataaataaga 223740
 aaaatatcta gagagaatca aacagaccac ttataaagta tcagagaaaa gagtgggtgtc 223800
 ttatttttca acaataacta aaagctagaa gataataaag tttgaacctc caaatattta 223860
 tctatccaaa ctatcaatca agtgtgagaa aggaagaaaag acatttgcag gcatccaata 223920
 tcaaaaatga ggtctgaaaa atatctacct cccatgactt tacttaggaa gttcctagag 223980
 gatatgcgtc atcaaaccta agagtcaatc aagaaagagg aagacatgaa cttcagggtga 224040
 taggaaatcc aatataggag agagggttaag gggattccca gaatgagagt aaagaaagggt 224100
 cactgaacga taggtgggca acaggcctgg gaaataatcc attcagacta gaatgagtca 224160
 gagaattcca aggggtaaat aaatatctcc tagagaggaa tggaaactaat ggataaccca 224220
 tttggatttt atcataatga gaggagtttg cagttccttt ggtgagttta gggatgaatt 224280
 agaagttatt agaaaactaa acaaagtga aaatccaggg caattatgaa ctcttgga 224340
 acaaaaaagt cattttttaa aaagaaaatg taatctgcac aactgagtg cttagctgta 224400
 tacaatattt gcatagtcat aataattttt tttaaagtgt atgtaactat attggaaga 224460
 tggagggaag aaaaatattt gtaagtgtat gtgtgtgtgt gtataacaga 224520
 gagaggaaaag aaagaacaaa attaacattc cctatttata gtaggaagtc caaaacagat 224580
 tgtctaaaac agaaaagttt aaaaaaaata gttgtataaa catgtgctat agagagataa 224640
 aggtaaatag aaaaaaaa aaaaacaagt taaagagttg aatatggttg actttggaga 224700
 ctggaacttg aaggtgaggc aggaagcttt cttgttttta acattaaaag ctttgactta 224760
 aaaaagtact aggtacatga attcttagat tagaagtcaa tttttaaaaa gaggtaagt 224820
 ttggaagca aagagcccaa ttctgccctc cattacttta gtgtgcctgc tattaaggct 224880
 ggattaagac ttttgacac tttgatttct gagaagatta tagtaaaacta aatttgtaaa 224940
 ttaaaaagaa gctagattat aaaataaaaa atacatatat cctgaagtta taatagcttc 225000
 ttttcagatt atctgattgc aaggttctga atacgttaat taaatgtatt tttcagtttt 225060
 ggataccttt actctgctta tgccttgga tctgtctggga tgatttatag gacatttcag 225120
 agttcattcc atgtaactgc taaagtgtct gctgcccaca actgtgcaac acaggaagcc 225180
 ccttaaccct tctactgact cttatgacta ttagtacctc ttattgtgtg tgacctctta 225240
 tgttaccaga acagtagaat ttaattaatg ctgtgtctga aatggaagga gttctttgat 225300
 tatggctaca gacattgaga tgatgggagc acatgctttt gaaataacctg tctgggtgtg 225360
 aaactcatag caggaccctc attacacatg agaactttat tgctttcagg actgcaagaa 225420
 cttccctgtc attatataga aatcatgaag acaatcccat cacatagtct tataagggtc 225480
 taacattgcc caggtagctt gtgtctgctt tgttctatt acatttttgg gaggccact 225540

aactgtaata atagttagag cttattaatc attgtggttg ttaatatatg tcagaatggt 225600
aacaggatcc ggggacaatt taagcttaag tatgtcagag tataagcttt ttcacttcaa 225660
aatgaaacct ctgtgaattg aactaggctt tactcatgct cattatctgc ctaggcactt 225720
tggtaatgcc cagggtgctg cagagcatgt caagatatgt atgtatcttc tacaaacatc 225780
ttcaagagct tcttctatct ctttaaccaga gaagaaagaa aaacagacat acacatgtcc 225840
tttctggtaa ttcaaccaa gaaattttta acttcgaaac cctgaaaatg ctgtgtgtag 225900
tggcttgacc ccattcctga ccccaattta gtttgaattc tacttggaac agggacagtg 225960
atatttttct ttcttacatc acagatgagt ggacttaatg aatgagttag catttgtgtg 226020
gcttcaggag atcctgaaga tgactttttg catttcaagt tcagtgtatt agtctccttt 226080
atagcatcaa ggtcagatta aagccttgag atcagtgtatt ttcacacttg ggcatgcac 226140
tgaattacct agagggctta aaatacaggt ttggtatgtg tccaagaatt tgtatttctg 226200
acaacttcct acatgatgct gatgctctgg gtccagactg cactttaaga actatggctt 226260
tataatcttt aagccttgaa aggattatcg tgcacactca ccccaattta taattcaaac 226320
agaacaatac taaagtgtaa aataaaaaatt ttatttccaa aaattataga gaacttaaaa 226380
gctataagct aaaaatgaaat gttttcttcc tagatttttt tctcttttct ttctgtgatc 226440
ctgtcctgtg tgatgggcta tctggcactg tgcataagag ttactgagct tccttagaag 226500
tggtattgta tttctgctg atcctcagca tccacatcag gcatttagag agctcatgaa 226560
ggttcaaggc attgcataaa gagttggata ttgagactca tttagaatat ggtccttctg 226620
atgaggtggg ctcttgagca gatcagtgcagggtttgtg aaagtaccag ggaataccta 226680
ctaggtgctt ttctcataca tggaaaacaa attgtcttac atgaaggccc ctcatttaca 226740
aaacgctaaa tcccaccaa aatttcccat gggatacaag aagcaagacc agacatgaac 226800
aggatattaa gtgattctag gcagaattag gagaaagaaa gaggggaagaa atgaaaaggg 226860
aacagaaaaa aagtcagaa tgagggcatg gggaaatagcc aataatatag ccaatagcta 226920
ttttactgag ggcagatact ttgaaacatg acatttccgt agttgaaatt tctatccttg 226980
atttcttttc ctcttcttcc ttccctacaa atgtttataa agtttgcatt ataagccaaa 227040
tgtcacagat agagtggcga agaaaacaag tcctgtctt aatgatttcc cagtatagtc 227100
agggaggcag ataattacag aatactgtga tgagtacacc atacactgtg aataaggcaa 227160
atgtgtgttg ggtgtgtact ggggtataac ccagtgcaa tgtacaatat cctgtctaca 227220
aagtatatta acttcaatga aaccataatg catgtgtatt aagtgaatta atgattgggtg 227280
agtttctctt ttagctatgt aaacttgatt actggaactt ctttctagtt aacaccaata 227340
tacataatgt tctttgctat gagtatgcta ataagagtaa ttaataatat tgttaaaggg 227400
atttatttat attacaaagt cttttccttg ctacctcccc ttgctacaca tggatcaa 227460
ggagctgtct ggcaaggtag cagacatgta gcatgttctc cgtaagttgt cactaatcct 227520
gaatctgttg cgttctttgg agttttaaag aagttgtaga aattttaaatt tttcataaga 227580
cataaatctc tataagacat aaacagaagg gataatggaa aacagatatt gtgtatccac 227640
atcaaaatga tccaagtggc ttataatcca gaatatccct tctctcttcc aatgaaagtg 227700
gtcgcaatgt gtcagtaacc aaagtaaaac agtatgttga aatctctgtg agactagcat 227760
gagaaathtt tttctgtcaa ggtgaaaaac acaatagtgc aagattaact gactttaagt 227820
catcaccaca cttaatggct taagagtttg aagagcttaa gcaagggag tttctaaggg 227880
attcagaagc cctgatgatt tctctggctc atatcagtgt tattgtttag cagagattaa 227940
ggaattatta ccaaagtctc atggaagaat tgaggggtaa caattttcaa acagcaaac 228000
tgatcagacc tattaacaca ttaaaagaat cttaatggga agtgaggttt tggagcatct 228060
gtgaaattct aattacttct gaaacaacat ccagtttgga tgtacaaagc ctttttataa 228120
atatagttta ccaaggacat gtataattct gctgataact tttctcagct agaagtgcag 228180
ctaatttggc tgggcacagt ggctcacatc tgtaatccca gcactttggg aggccaaagg 228240
gggtggatca cctgaggtca ggagttcaag accagccagg ccaacatggg gaaacccctg 228300
ctctactaaa aatacaaaaa ttagccaggc attatggcgg gtgcctgtaa tcccagcttc 228360
tcagaaggct gaggcaggag aatcgcttta acccaagagg tggaggttgc agcaagccaa 228420
gatcacacca ctgcactcca gactgggtga gaagagcaag actccatcta agaaagaaga 228480
agagagagag agagagagag agagagagcc agccagccag ccagccagaa agaaggaaga 228540
aagaaagaaa gaaagaaaga aagaaagaaa gaaagagaga aagaacagct aatttcccaa 228600
acatttaaga atgttaaagt ttgtagatta ccttggctca taatgtagtt actaagatat 228660
ggagacagaa ttttcatttc taagaagttc aaagaaaatg aagttagagg tcatcttctg 228720
tctttcttac tgagcaatga tgatcctaaa cagttactgt agtaacatgt gatctgttat 228780
ctgagtagta ataacacata cccagttcta catttcaagt cactgctttc aaagcactct 228840
ccttgtttgt taaaggtgac cttttcagat cgtactttaa aaaaataaaa cagtgggtatc 228900
ctaaccacaa ggatgagatt caaactccta acctggcaca caagattttt ttctggcctt 228960

ggccctatac atctagggtc atcaatecct tcctcacacc ttacattcca gtagcaccaa 229020
 acttcttgat atttccatga atatactcag ttgtttcaca cttctgagct ttcacactgc 229080
 ttgatecctt ctagagaatg cttccccctc cgactgcttg gcagctctac ttcctatctt 229140
 ctattcattc attaagtgat tattgaaaaa aaagtgtgat gccatactat gtgttggcct 229200
 ctgagaatat ttcagtgaac acaaccttgc cctgcctca caaacaccag aattaacaa 229260
 cttctacttc tctgtaaaagc tttccttggg ttgccaaactg attagaccat gtccaaataa 229320
 ggcaaatgcc cagctgtaac cagtaaagct ggctctatac ctcacttcca ttttctatcg 229380
 ataaatgctg cttgctgca gaatagagtt ctccaaacct cttgtgggtc tgagggctgt 229440
 ccaattcata aatcattctt tgcttaaata aacagttaaa tttgtctcca aaggctggga 229500
 aggagagaag agaggaagat aagaagagat tggcfaatga gtataaagtt aaaattagat 229560
 aggaggagta aatttcggta ttctattgca cagttgggtg accgtgggtt gcaatatcat 229620
 attgtacatt tcaaaatggc tagaagagaa gattttggat gttcttacca cgatgaaatg 229680
 atgaatgtat aagggtgatg atatgctaaa tacactgatt tgatttttat acaatgtata 229740
 catttatcta aacaccacat tgtatcccat aattacatac aataattatg tgtcaatgaa 229800
 aacaaaattt aaaacatttt taagagattt aagaaattaa tttgttcaaa gttaatcttt 229860
 taaccctaag ttctaaaaac ttactctaac ataggcttcc tacaaagact atgcaccaat 229920
 atagtattt caaaactggg ttttaaggtaa atgcagaat attttttatg tatttgtttc 229980
 ttatcctgac ctaccataaa agctcaatgc ctatatggg cctctatgga tgcataacaa 230040
 attactcaaa aacatatggg ctgaaaacaa tgataatcat ttattacctc tcatagttgc 230100
 tgtaggctcat gaatttagga gggcgtaact ggatgggtct ggctcagggg ctctcatgag 230160
 tttgcagtta gctatcccc agggccacag tcatctgaag gcttccactg ggctggagat 230220
 tgcatttccc agatgactca cacagctggc ctcagatccc ttccaaattg gcctttccac 230280
 agagaatctt gagtgtcctc aaggataata atgttagata ctgggcacag tttttagact 230340
 gaccaatatt gctgccttgg gaacctggat gtggctgatg ttcctaccgc aaacctgcct 230400
 ggatggactt catgtggtct ctgcttcttc tcattatcaa ttttttttta agacagggctc 230460
 tcactctatt gcctgtgctg gagtacagt gcacaatcat ggctcactgc agccttgacc 230520
 tcttgggctc agggtaatcc tcccgttcca gcctctcatg cagcagggac tacaggcatg 230580
 tgccactatg cctggctaatt tttttttttt tttgtattt tttgtagaga tggggttttg 230640
 ccatgttgct caggctgggc ttgaacctt gggctcaagt ggttcacctg actcagcctc 230700
 ccaaagtgtc gggattacag atgtgaacta ccatgtccag ccaaattcat cttactggca 230760
 gaggtgggtc atatttctac accctaatta catgggagac tggtaagtta gtcttcggca 230820
 ttcatggctt taatgggagc caggctctgt ctcacaaagt aaaagattcc cttacaagg 230880
 gaaatgagaa tgtaaggcca aaaataacaa atatttacta tattaatgag ctccactgtt 230940
 gtaaggatag aatttttaga ataactagag atgtgaaagg agagatggcc cttgcggtgt 231000
 cttgtggaat catctcctct tttggctttc atagaagcta aggagtacat gataccaggt 231060
 aatcattttt caatttatct tctgttctgc tgacgatagt gagagctaca tgcttcccc 231120
 gcaattgtca ggattcacat tctaataaaa agtgagaacg catcctgggtg gtaatgtaaa 231180
 ctagtacaac cactatggaa aacagtatgg agattcctta aagaactaaa tgtagaacta 231240
 ccattcaatc agcaatctc actactgggt atctacccaa aggaaaagaa gtcattata 231300
 gaaaaaagat acttacacat gcatgtttat agcagcgatt gcaaaaatat ggaaccagca 231360
 taaatgttca tcaaccaatg agtaaagaaa atgtgttata tatatatata caccatggaa 231420
 cactactcat ccataaaaaa gaacaaaata atggcatgca cagcaacctg gatagagtta 231480
 gagggggccat tatttctaag gaagtaactc aggaatggaa aaccaaaccat catatgttct 231540
 cacttataag tgggagctaa gctgtgggga caciaaggca gaatgatata atggactctg 231600
 gggactcagg ggggaagggtg ggaggggggtg aggaataaaa gactacacat ggggcacagt 231660
 acacactgct ctagtgatgg gtgcacccaa atctcagaaa ccatcactaa agaacttatc 231720
 catatagcca aaaaccacct gttccccaaa aactattgaa ataaaaataa acaaaaattt 231780
 taaaaactta aaaaaagaga aggaagtact gctgatacac tttccttaag tatttgaatc 231840
 agtcttgaag ccagatcaac ctctattac agaaaagcag gttttgtttt taaagctaaa 231900
 tttcttcatg ttggcagata agaataatta aactcccaa acattggcta gtgtctccac 231960
 agggaaagca caaatgaaaa agttagggtc tggcttccac aaatctcatc ttagcctgta 232020
 tccacattta attactgaat gtcattccaa aaacacagca ctctgtctct tcttttact 232080
 ggtagctact gttcttagag gtttttctct gtgtattcaa aaggaaacaa gaatttccaa 232140
 actccttaac tcttgttgtt tttaatcatc tataaaatc aggtgaatat ttgcagtgtg 232200
 aaataacat aataaaaaa ttttattttc tatcttctgg tatttatcat atttctata 232260
 agtagcaagt ttgcttttcc caagttgatc cactttttcc caactattta attttgggtg 232320
 aggcagtgga gtcttattga tacactgaga agctgctcca tgcaaagcat tgtgggtggac 232380

atcatgggga ggtagtgtaa atttgccttg ggtcttttgt agcaataatg cacctttata 232440
 tataagttta atatacattt aagctttact agagccatag aagataggat tctttttttt 232500
 gtgtcaatga ggcaactgag tcacagattt ttacctttcc aaacatcaca gaatcaagat 232560
 tcaaacccaa gtccctctaag ccagctcaca tactgtcct aatatgcccc agctcccttc 232620
 ctactggaaa gcatcttgagg ttgttctctc cttagccatc ttcttccctt tccctcctgtg 232680
 cttttctact ccagcatcct aatgtgggtt ggcatcgaca ccgctgatgc cacagggttg 232740
 acaacaactt ctttggcagt ggcttctgcc ctgtaccaat aaaatcaatt ctctgaaaga 232800
 gctggggatg gacaagaagt ggtaggaatg gtcattgtcat tatttctaata actgctctta 232860
 tcaaataccc aacttattaa aggaaccaag acaataatct ccatgccctc aaccttatcc 232920
 acttcaacct ttaggctggg ttttctagga agccgtctct gacagagttg agtaggcagg 232980
 acttttatgc atgagtgcct ttgggattga ccctgtggac agaaggagaa ggatgcagga 233040
 tgaggcagag ggagaagttg agcagtgatg aaggcctgac aagccttagc caaacctca 233100
 gagagctcca gtcccatggg tgttgccagc aaaggccata atgggttaggt tctctacctc 233160
 taccatgatc agtcattaaa ggttgctact tggaggggca tgatttgggg gaaggcagct 233220
 ttctgaggct gaagaatttc ctgaaggggc cacagctgga ggctgtctac tcccaacagc 233280
 tggggtagca agttcttcc tcaaggagga ctgcatagt gcattctccat ttctgggggtg 233340
 ttgaggtgtt gaggtgaggg agtacagaga ctaccctgtt ttgcagattc ttcgacagtt 233400
 ttgttgccat tctgatgtcc actattgtca caggagaagc tcaaggaaaa atcttcacca 233460
 agtttgtgtc agctaagcct ctacgcagag tagagcagct ttcacagtgc cctgctgatt 233520
 cacagccctc cataataagt catggggctg tcattctggag aggtggagaa atgagatgga 233580
 agacataatg atcaccccaa atttcaacct ttttagagggg aagttctgtc tgatgatctt 233640
 attttttttt aattatcaca tgaaactcgt tatttgggtg tggcacttct atgggatgtt 233700
 agagcactca tttgggagtc aggaaaccac agttctagt tgggctctgc ccctttctat 233760
 gacctgtgtc aagtcataaa acctctcttg gcctgagtct tcacacctgt aagatgaaga 233820
 aatttgactt gaggtgttct agggtcacat ccagctcaga atcatgatga atctctatca 233880
 tttaggccag aggtcagcaa actatggcct gcattccaaa tctgtctcac tgctgtttt 233940
 tgtaataaaa atgttactgg aacacagcca tgcattacca tttacctatt gcctatagct 234000
 attttcatgc tactgaagca gacttaggtt gcaacagaaa ttctatggtc tataaagctc 234060
 agaatattta ctacccgccc ctttacagat aaaggtttgc tgaccttgat ctaggcaaat 234120
 cttctgtcat gtcgcattcc aaggagtagg agggagaaata tgagccatga ggatatactt 234180
 ttgcaataat ttggcaaaaga gtggtatcag tcaagtaact gctatttccct aagtattcct 234240
 taggaaattc agagcaagac gaggggttaa gattaggtaa gaagcattct aaatgtacag 234300
 tgcaccaagg gcagtgtctg tgaggattcc tgagtaagca atgtctcagg tgcttaagtg 234360
 agatcttgtt tgccaaaata tccacctctg tggctcctgc atcagctctt tattaccac 234420
 atggcagggt gtttagcagg gagggcaaac acagcttttt cttttatgat caaggtcatt 234480
 tgtccagcaa ctgaaatggg taaagggaat ttttagaaga aatttttcaa agaaatgaga 234540
 gaagaaactc tctgctggtg aaatgtcaga attatcaagc tgtcaactct tcagggaaaa 234600
 taactttgct ggtgagagac catagaagta ggaggaatcc tgacaatatt actattatga 234660
 gctgtgcttt gctcttttag gaaacacagc atccaattgc caaatgtgtc ttcgtatcat 234720
 tttgttttca ttctattgtc aaaacatccc catgggatat tgtcaagtgat cataatcctc 234780
 atcattctat atttcacaga tgagaagaga gacttcagga tgattttgcc tgacataatg 234840
 ctcataacat ttactgttgg tcccagccat ttgcttctta gcatttgttt cctttgattg 234900
 ctctttatct ttgttagcat aggcattgtc ttcccaagta aatgctatgc ctgacctatg 234960
 tcttagatca cagaatgtta gaattgaggg aaggccttca gtctaataga actactgaaa 235020
 tataaaatga gggaagtga acccagggag gtggcctgag ctggtgagag aactaaaaga 235080
 ataactgtgg tcccctaact tgaaggttat tgcttttcc acggacctca ttatacctct 235140
 ttgcatgccc catacatagt atagtgtctt atgtatatgt actccatagt actactaggg 235200
 atcatctgta tagatagcct atcttcttaa ttgactgcaa gatttttata gggttaagaat 235260
 cacagctact atttatattg cttttgattt aactcccacc tattgagcat ataaaaatata 235320
 tggcttaaaa aactggaaaa agatgagcaa attaaagcca aagcaaatg aaggagagaa 235380
 attacaaaaa tcagagtgga aataagcaaa ataaagaatg gaaaaacaat aaaggatgtc 235440
 agtgaaccaa aaaaaaatag gttctttgta aagatcaaca aatattgacc aacaaaaata 235500
 aagagaagat tcaaattaat acatcagaaa tgaaagaggg gacattacta ctaaccttaa 235560
 agaaataaaa aggattgtaa aggtatacta cgaacaacag tataccaaca aatcagataa 235620
 attagatgaa atggacaaat ttctagaaag acaaaaatca ctgaaactga ctcagaagca 235680
 atagaaagct gaatacaggg atgtgcacct gtagtcccag ctattgggag gctgaggtgg 235740
 gagaatcact tgagcctagg agttcaaagt cagcctgggc aacatagcaa gagtctgtct 235800

E1
cont

ctaaacataa	atacacaaat	aattttttta	acaaaaagaa	atagaaaacc	tgaatatgcc	235860
tatcatatcc	tataggacat	agatttttcta	tatacaaaaat	catgttatcc	gcaaattgag	235920
ataattttac	tttttccttt	ccaatttgga	ttccttttgac	ttcctttttct	tgcccaattt	235980
ccctggctat	aacctgtagt	acaatgttat	ataaaaaatgg	caagagaaga	cattcttgtc	236040
aggaggaaa	atatactatc	ctttcttcat	gttactggat	ttgacttact	agtattttta	236100
taaaggcaaa	attagggttt	tgtattatac	tttaagatct	gggatacatg	tgcaggagggt	236160
gcaagtttgt	tacataggta	tacacatgcc	atggtgggtt	gctgcaccca	tcagcccgtc	236220
atctacatta	gggtatttctc	ctaattgctat	ccctctactt	gtcccccac	ccccgacagg	236280
ccctgggtgtg	tgatgtcccc	ctccctaagt	ccatgtgttc	tcattgttca	actctcactt	236340
atgagtgaga	acatgcaatg	tttgggtttc	tgttcttgtg	ttagtttgct	gagaatgatg	236400
gtttctagtt	tcacccgtct	ccctgcagag	gaaatgaact	catccgtttt	tatggctcca	236460
tagtattcca	tggcatatat	gtgccacatt	tttttaaatt	atactttaag	ttctagggtta	236520
tatgtacaca	atgtgcagggt	ttgttacgta	tgtatacatg	tgccatgttg	gtgtgtgcac	236580
ccattaaactc	gtcattttaca	ttaggtgtat	ctcctaattgc	tatccctccc	tcctccaccc	236640
accccacgac	aggccctggt	gtgtgatgtt	ctccaccctg	tgtccaagtg	ttctcattgt	236700
tcaatttctta	ccaatgagtg	agaacatgca	gttctcactg	gttttcccag	caccatttat	236760
taaattaggaa	atcctttccc	catttcttgt	ttttgtcagg	tttgtcaaag	atcagatgggt	236820
tgtagatgtg	tgggtattatt	tctgagggtc	ctgttctgtt	ccattgggtct	atatactctgt	236880
tttgggtacaa	gtaccatgct	gttttgggtta	ccgtagcctt	gtagtatagt	ttgaagtcag	236940
gtagtgtgat	gcctccagct	ttgttctttt	ggcttaggat	tgtcttggca	atgtgggctc	237000
tttttgtttg	atcttctgtc	cttgcaatag	ttggccacat	tttcttaatc	cagcctaaca	237060
ttgatggaca	tttgggttgg	ttccaagtct	ttgttattgt	gaatagtgcc	acaataaaca	237120
tacatgtgca	tgtgtcttta	taacagcatg	atttataatc	ctttgggtgt	atacctagta	237180
atggggtcac	tgggtcaaat	ggtatttcta	gttctagatc	cttgaggaat	caccacactg	237240
tcacccacaa	tgggtgaact	agtttacagt	cccaccaaca	gtgtaaaagt	ccctatttct	237300
ccacatectc	tccagcacct	gttgtttacc	tgacttttta	atgatcgcca	ttctaactgc	237360
tgtgagatgg	tatctcattg	tgggtttgat	ttgcatttct	ctgatggcca	gtgttgatga	237420
gcattttttc	atgtgtctgt	tggctgcata	aatgtcttct	tttgagaagt	gtctgttcat	237480
atactttgcc	cactttttga	tgggttgtgt	tgattttttc	ttgtaaaatt	gtttaagtct	237540
ttttagatatt	ctagatatta	gccctttgtc	agatgagtag	attgtaaaaa	ttttctccca	237600
ttctgtagggt	tgctgttcca	ctctgatggt	agtttctttt	gctgtgcaga	agctcttttag	237660
tttaattaga	tcccatttgt	caattttggc	tttgttgcca	ttgcttttgg	tgtttttagtc	237720
atgaagtcc	tgcccatgcc	catgtcctga	atgggtattgc	ctaggttttc	ttctaggatt	237780
tttatgggtt	taggtctaac	atttaagtct	tttaaccatc	ttgaattaat	ttttgtataa	237840
gggtgaagga	agggatccag	tttcatcttt	ctgcataatg	ctagccagtt	ttcccagcac	237900
catttattaa	atagggaatc	ctttcccat	ttcttgtttt	tgtcagggtt	gtcaaagatc	237960
agatgggtgt	agatgtgtgg	tattatttct	gagggctctg	ttctgttcca	ttgatctata	238020
cctctgtttt	gggaccagta	ccatgctgtt	ttgggttactg	tagccttgta	gtatagtttg	238080
aagtcaggta	gcgtgatacc	tccagctttg	ttcttttggc	ttaggattgt	cttggcaatg	238140
tgggtctctt	tttggttcca	tatgaacttt	aaagtattgt	ttttccaatt	ctgtgaagaa	238200
agtcattgggt	agcttgatgg	ggatggcatt	gaatctataa	attaccttgg	gcagtatggc	238260
cattttcaca	atattgatcc	ttcctatcca	tgagcatgga	atgattttcc	atttgtttgt	238320
gtcctctttt	atcttcattga	acagtgggtt	gtagtctctc	ttgaagaggt	ccttcacatc	238380
ccttgaaagt	tggattcccta	ggtattttat	tctctttgaa	gccattgtga	atgggagttc	238440
actcatgatt	tggttctctg	tttgtctgtt	attggtatat	aggaatgctt	gtgatttttg	238500
cacattgatt	ttgtatcctg	agactttgct	gaagttgctt	atcagctgaa	gtagtttttg	238560
ggctgagacg	aggggggttt	ctaaatatag	actcatgtga	tctgcaaaaca	gagacaattt	238620
gacttctctc	tttcttattt	gaataccctg	tatttctttc	tcttgctga	ttgccctggc	238680
cagtacttcc	aatactatgt	tgaataggag	tgatgagaga	ggtcattctt	gtcttgtgcc	238740
agttttcaaa	gggaatgctt	ccagcttttg	cccattcagt	atgatactgg	ctgtgggttt	238800
gtcataaata	gcttttatta	ttttgagata	tgttccatca	aaacttagtt	tatcgagagt	238860
tttttagcatg	aaggggtgtt	gaattttgtc	gaaggccttt	tctgtgtcta	ttgagataat	238920
catgtgggtt	ttgtcatattg	ttctgtttta	gtaatggatt	acttttattg	atttgcctaa	238980
gtttaaccag	ccttgcacat	caggaatgaa	gctgacttga	ttgtagtggg	taagcttttt	239040
gatgtgctgc	tggattcagt	ttgccagtat	tttattgagg	atcttcgcac	cgatgtttat	239100
cagggatatt	ggcctgaaat	tttctttttt	ttgttgtgtc	tctaccaggt	tttgggtatca	239160
ggatgatgct	ggcctcataa	aaagtccagg	aggaatccct	ctttttctat	cgtttggaat	239220

actttcagaa ggaatggtac cagctcttct ttgtacctct ggtagaattc ggctgtgaat 239280
 ccatctgggtc ctggactttt tttggttggt aggcgtgtaa ttactgcccc aatttcagaa 239340
 tgtgttcttg gtctattcag ggatttaact tcttcctgat ttagacttgg gaggtgtat 239400
 gtgtccagga atttatccat ttcttctaga ttttctagtt tttttgcata gaggtgttta 239460
 taatatcttc tgatggtagt ttgtatttct gtggaatcag tggatgatac ccttttatca 239520
 ttttttattg tgtctatttg attcttctct ctttcttctt ttattagtct ggctagcggg 239580
 atatctattt tgttgcagt aaaccaactc ctggattcat tgattttttg aagggttttt 239640
 cctgtctcta actccttcag ttttgcctct atcttagtta tttcttgctt tctgctagct 239700
 tttgaatttg tttgctcttt cttctctagt tctttaattg tgatgttagg gtgtcaattt 239760
 gagatttttc ctgcttttgc ttgtgggcat ttcattgctat aaatttccct ctaaactactg 239820
 ctttagctgt gtcccaggga ttctggtagc ttgtgtcttt gttctcatca gtttcaaaga 239880
 acttatttat ttccgcctat ttcggtattt acccagtagt cattcaggag cagcttggtc 239940
 agtttccatg tagttgtgtg gtttgagtga gtttcttaat cctcagttct aattgattgc 240000
 actgtggtct gagaaactgt ttgttatgat ttccattctt ttgcatttgc taaaggagt 240060
 tttttacttc caattatgtg gtcaatttta gaataagtgc gatgtggtgc tgagaagaat 240120
 gtatattctg ttgatttcgg gtggagagt ctgtagatgt ctattaggtc tgccctggctc 240180
 agatctgagt tcaagtcctg aatatccttg ttaatttctt gtctcattga tctgtctaatt 240240
 aaagtctctc actattattg tgtgtgagtc taagtctctt tgtaggcttc tgagggcttg 240300
 ctttatgaat ctagggtgct ctgtattggg tgcttataca tttaggatag ttagctgttc 240360
 ttgttgcatg gatcccttta ccattatgcc atgtccttct ttgtctcttt taatctttgt 240420
 tggtttaaag tctgttttat cagagactaa attgcaacac ctgctttttt ttgctttcca 240480
 tttgcttggt aaatattatt ccaccccttt attttgagcc tatgtgtgtc tctgcatgtg 240540
 agatgggtct cctgaatata gcatactgat gagtcttgac tctctatcca atttgctagt 240600
 ccatgtcttt taattggggc atttagccca ttgacattta agattaatat tgttatgtgt 240660
 gaatttgatc ctgtcattat gatgctagct ctttattttg ctcatagtt gatgcagttt 240720
 cttcatagtt taaatggtct ttacaattta gcatgttttt gcagtggtcg gtactggctg 240780
 ttcttttcca tgttttagtg ttcttccagg agctcttgta aggcaggcca ggtggcgata 240840
 aaatcgctca acatttggtt gtctgtaaag gattttattt ctccctcgct tatgaagctt 240900
 agtttagctg gatattgacat tctgggttga aaattctttt atttaagaat gttgaatatt 240960
 ggccccact ctcttctggc ttgtagggtt tctgtgaga gagccactgt tagtctgatg 241020
 ggcttccctt tgtgggtaac ctgaccttct tctctcttct ggcttgtagg gtttctgctg 241080
 agagatccac tgttagtctg atgggcttcc ctttgtgggt aacctgacct ttctctctgg 241140
 ctgcccttaa ccttttttcc ttcatctcaa ccttggtgaa tctgacgatt gcgtgtctcg 241200
 ggggtgctct tctcaggagg tatctttgtg gtgttctctg ttttctctga atttgaaagt 241260
 tggcctctct tcttaggttg gggaagtctt cctggataat atcctgaaat gtgttttcca 241320
 acttgggtcc atactcctca tcactttcag gtacaccaat caaacatagg tttgggttct 241380
 tcacatagtc ccatatttct tggaggcttt attcattcct tttcattctt ttttctctaa 241440
 tcttgtcttc atgttttatt tcattaagtt catagtctct gatatacctt cttccacttg 241500
 atcagttcag ctattgatac ttgtgtatgt ttcaaaagt tctcgtgctg tgtttttcaa 241560
 ctccatcagg tcatttatgt tcttctctaa actggttatt ctagttagca attcgtctaa 241620
 ccttttatca acattcttag ctctcttgca ttgggttaga acatgctttt ttagctcaga 241680
 ggagtttggt attaccacc ttctgaagcc tacttctgtc aatttgtaa gctcattctc 241740
 cctccaattt gtttcccttg ctggtgagga gttgtgatcc tttggagggg aagaggcatt 241800
 ctgatttttg aaattttcag tctttttgtg ctggtttttc ctcatcttca tggatttatc 241860
 tacctttggt cttttagtgt gaccttcaga tggggtttct gagtggatgt cctttttgtt 241920
 gatgttgatg ctattccttt ctgtttgtta gtttctctt taacagccag acccctctgc 241980
 tgcaggtctg ctggagtttg ctggaggtcc actccagacc ctggttgctt gaggaccacc 242040
 agtggaggct gcagaacagc agcaattgct gctgttctt tctctggaa gcttcatccc 242100
 agaagggcac ccaccagatg ccagcccaaa ctctctgta tttgtctgtc aaccttgct 242160
 gggagggtgc tcccagtcag gaggcattgg ggtcagggac ccacttaagg aggcagctctg 242220
 tcccttagca gagctcgaac actgtgttag gagatccact gctctcttca gagccagcag 242280
 gcagggacgt ttaagtctgc tgaagctgtg ccacagcctc ccttcccccc attggctctg 242340
 tcccaggagg attgggggtt tatctttaat cccctgactg gggctgctgc ctttttttct 242400
 gtgatgccct gccagagag gaggaatcta gagagacagt ctgactacag aggccttgcc 242460
 aagctgcggt gggctctgcc cagttcaaac ttcccagcag ctttgtttac actatgaggg 242520
 gaaaaccacc tactcaagcc tcagtaatgg cagatgcccc tccccccacc aagcttgagc 242580
 atcccagggt gacttcagac tgctgtgctg gcagtgcata tttcaagctg gtggatctta 242640

gcttttctggg ctctgtgggg gtgggatccg ctgagctaga ccacttggct ccctggcttc 242700
 agcccccttt ccaggggaagt gaacgatttt gtctcgtgg cattccaggt gccactggag 242760
 tatgaaaaac aactcctgca gctagctcag tgtctgctca aatggccacc cagttttgtg 242820
 cttgaaaccc agggccctgg tggcataggg acccgaggga atctcctggg ctgtgggttg 242880
 caaagaccat gggaaaagca tagtatctgg gccagagtgc accattcctc atggcacagt 242940
 ccctcatggc ttcccttggc taggcgacgc ccacccctgc ttcagctcac cctctgtggg 243000
 ctgcacccat tgtctaacca gtcccaatga gatgagcttg gtacctcagt tggaaatgga 243060
 gaaatcaccg gccttctgtg ttgatctcac tggcagctgc tgactggagc tgttcctatt 243120
 cggccatctt gccattcca tccaaaagta gtttttgaaa attaacatgg ggattaagga 243180
 ttcagctatt tttcagaaag cagagcttta agaaagcaga gctctagaac cagggttca 243240
 tggacgtgag accagtgcag ttacacagag ccctaggttc aggaaggagc ccacacatgg 243300
 ggtttcataa aattttatct ttgaatttgt gttttatgag tgaaagctga taacacagtg 243360
 gaacacaggg tcaaggctta aagccttgct catgtgctgt cttgccttta agacatctac 243420
 ctgggaaggt tcctctgcca cctagccctt aatccccatc ccataactac tgcaatcttc 243480
 cattcccaat gggatcctag gtaatagtga ggaaggggtg ccgtgaggta agactgccag 243540
 gtccctataa gtgtctacac tcccctgcag agtatctgcc ctagtctctg agggagaatg 243600
 acattaaata cccaacaaa agcacaatga caggtccaca gacaaatata gacccccaa 243660
 aaaacagctt tctcttgtt tcttgaacaa ggatttctgc gttgtcattt agcactgggc 243720
 cccacaaatt atgtagctgg cctgtctaga gccttactac tcaaagtgtg gttgcaggac 243780
 cagcagcatt ggtatcacct gggaaacatat ggaaacgtag aatcccaagc cctacccaaa 243840
 cctactaaag aagaatctgc attttaacaa gatccctgga tgatttgtat gacattaaag 243900
 tttgagaagc agtgggtctaa aacacactct gggattcagt cacctatttg atgacatcta 243960
 tgttcttgcc ccaattatct ttattatgat tgttaaatga attgtccttt tctttgacat 244020
 aaagcaacta ctattcatgt tgggaagatgg gaggcagagg gaaagaaagt tggccaataa 244080
 gaaacactga aaaaggaatt gctctgagca ccaagctttg ccaaccctgt tactcgaaat 244140
 tatacttgcc ctgttttcta cccttgggct taaggcttag catctttcct agcagactga 244200
 gtgccttatt gagggaaact gtagccagct taaaataaac tgcagctctc ctggaaattg 244260
 ctttgacctt tatttgcata agtcttcaaa acttgccagc tctggaaaag atgggaaagg 244320
 agcaccttat ttttattctt ggcggaactg atttttgagc ttgcatgtga gttacttagc 244380
 atgggtatgg tgggtgtgtt tttagtaact tttaggttct aggaaagatt attgtaaaaa 244440
 gcaaccaaca ggaatatgaa ataaaccctt atgccttctt cttgcccact cccaagctt 244500
 cctggggaaa agtatctgtc ctggccagag ttagtgggaa ggttggagct gacagaaagc 244560
 tgctgtccag ttgcagtgag ggccgaggca aattttctct ccagggtgtg aaggggcaat 244620
 ctccaggagt gagagaaatg ggagcaatca gttgctggta cttgtgtctt tatcatgaag 244680
 gcataactgg tgaatgtact atgagcaaca cattgttaat ttgtattatg ccctttacaa 244740
 ggtttgtccc tgtaatacca gtatttccat aactagggat ctagtccaag gaaagatcag 244800
 agactttggc acagaattaa gctggagaat attcatctca attatatcta taggagcaag 244860
 aagttcaaag tgggatacat gcccacacag gtagtgcata aggaggatgt atgtgagaca 244920
 tattagaatt tgcatttaac ttttaaaatt taaaaaatag agccagtcgg ggtggctcac 244980
 gccgtaatc ccagcacttt ggcaggccga ggcaggccga tcacctcagg tcaggagttc 245040
 gagactagcc tgaccaacat ggcaaaaccc tgtatctact aaaaagaaaa aaattagctg 245100
 ggcttgggtg cgggagcctg taatcccagc tacttgggag gctgaggcag gagaattgct 245160
 tgaaccagg aggtggagga tgcagtgagc cgagatctca ctattgcact ccagcctggg 245220
 caacaagagc aaaactccat ctcaaaaaaa taaaaaggct ggggtgtggtg gctcacgcct 245280
 gtaattccag cagtttggga ggccgaggtg ggccgatcac ctgagctcgg gagtttaaga 245340
 ccagcctgac caacaggaga ccaacaggag ataacctgtc tctactaaaa atacaaaatt 245400
 agccaggcat ggtggcgcac gccgtgaatc ccagctactc aggagactga ggcagaagaa 245460
 tcaactgaac ccgggaggca gaggttgccg tgagccgaga tcacgccatt gcattccagc 245520
 ctgggcaaca agcagcgaag ctccgtctca aaaaaagaa gaagaaaaag ttttactaat 245580
 atgtaaaatg gggacttcca ccttgcttct ttacttggct cctaagtcaa gcaggcacat 245640
 gttatatgag atatgttgag aaaagaatgg gaatttcata acatgagctt cttctctctg 245700
 acatatgaac tacatggata taatttataa atgacattg gagtggacag ttttttactg 245760
 atgggatgtg aagcacctta taagagatct aaggacgtgc caaattgtaa attcagctct atggattgcc 245880
 agttccaggg aggaaagagc agcatagggc tttttttttt tttttttttt tttttttttt 245940
 ctgagctctt gctaattggc cagtttttagc ggtggggagt gccgtgggtg gatctgagct 246000
 ttgagaacag aagccttgtt ctttcaccca gattctcctg tctcagcctc cagagttagct 246060

51
 last

gggattacag gcaagtgcc aacacccag ctaattttta tatttttagt agagacgagg 246120
 tttcaccatg ttggccaggc tgggtccaaa ctctgtacct caggtgatcc gccacacct 246180
 gccttccaaa atgccgggat tacaggcatg agccactgca cccaaccag ttttagcttt 246240
 ttaattgaaa gtagtggtgt ttcagttgat ggaatatctc tttccctcag tttcaacatg 246300
 ttttataaga gccttcagga tgtttcatta aaaactgtag ctctctcagc agatttcatt 246360
 acacctcaac tttcattacc aactcttacc ctctgaacac aactttggcc ttctgctcca 246420
 ttctgctgaa gtttaaagct gcagatagga cctctggtca gcattttgct ttccattgca 246480
 aaaaaagcta atgctcagg ataaagattaa gataaaagga aaactaagct tattagaaaa 246540
 attcctagtc acttagtcaa acatccacac ctgctgaaag agaattggcca aagggtcctc 246600
 aggaacactt gcttttctat agatacattt cccctgagat tttctaggat aaaaagctca 246660
 tcttttaaat aatgggtgtt tgtttaaaca atcctttgtg agagaggctt tctcctggaa 246720
 taccttgtgc atattaaaac tgtaaataat cttgtcattt ggaataaatc ttcttaattg 246780
 gcgtgttata attgaattca tctctaatta atgtagcatt accatgtggc aaagggtggat 246840
 tagcttctgt tttctgattg cccttgaaca tcgcttgaa gttgcaggat tgctgatgaa 246900
 gtcaataagg gctgtgcatt gattttcaga caaaaagacc atcaccacca tggctgaaga 246960
 catgtcccca ggaccacaa ttttcaacag tgtgatggcc aggaccaaga tgaaacgcac 247020
 gagggagtaa gtagcatgtt gcctgcccc taggaagggtg cagtgtttaa gcatattgac 247080
 caagtgtgtg acccagtcac gtgatactgt cttagtccat ttgtgctgcc gtgacaaaat 247140
 acctgggact aagctgttcc aacttagaaa cttctctcta aaattcactt tctgtattgg 247200
 tgctggctga ataattaggg aagtttgga agaattattt ttcagttgat ttgcacttat 247260
 agtattcttg cagcacagca cattctcatc catgctaatt tttgaaagca aaggagaaaa 247320
 aatgctgaa aattatttcc aagcctaaag ctgttactat gtttatatac ttattgtttt 247380
 ctagccctac ctgtaccaga gtgggtcttt ttttttatta ttattatact ttaagtttta 247440
 gggtagcatgt gcacattgtg caggttagtt acatatgtat acatgtgcca tgctgggtgcg 247500
 ctgcaccac taactcatcg tctagcatta ggtatatctc ccaatgctat cctcccccc 247560
 tccccccacc ccacaacagt cccagagtg tgatattccc ctctctgtgt ccattgtgac 247620
 tcattgttca attcccacct atgagtgaga atatgcggtg tttgggtttt tgttcttgcg 247680
 atagtttact gagaatgatg atttccagtt tcatccatgt ccctacaaag gacatgaac 247740
 catcattttt tatggctgca tagtattcca tgggtatat gtgccacatt ttcttaattc 247800
 agtctatcat tgttgacat ttgggttggg tccaagtctt tgctattgtg agtagtgcca 247860
 caataaacat acgtgtgcat gtgtctttat agcagcatga tttatagtcc tttgggtata 247920
 taccagtag tgggatggct ggggtcaaat gtattcctag ttctagatcc ctgaggaatc 247980
 gctacactga cttccacaat ggttgaacta gtttacagtc ccaccaacag tgtaaaagt 248040
 ttcctatttc tccacatcct ctccagcacc tgtgtttcc tgactttttt ttttttttt 248100
 tttttttttt ttttttgaga cggagtcttg ctctgtcgcc caggccggac tgcggactgc 248160
 agtggcgcaa tctcggtcca ctgcaagctc tgcttcccgg gtacacgcca ttctcctgcc 248220
 tcagcctccc gagtagctgg gactacaggc gcctgccacc gcgcctggct aattttttgt 248280
 atttttagta gagacggggg ttcacctgt tagccaggat ggtctcgatc tctgacctc 248340
 gtgatccacc cgctcgcc tcccaaagt ctgggattac aggcgtgagc caccgcgcc 248400
 ggccgtttcc tgacttttta atgattgcca tcttaactgg tgtgagatgg tatctcattg 248460
 tgggtttgat ttgcatttct ctgatggcca gtgatgatga gcattttttc atgtgttttt 248520
 ttggctgcat aaatgtctt ttttgagagt ggtcttataa taacataatt accatggcaa 248580
 gaactgattc ccagaaattg aaagtgagg agtatggatt aattttttcc tctgtagagg 248640
 gaaactacct ccacctctc ttgcttgag gagataatat agaagggtgt gctaatttcc 248700
 cagttgatag tctttaaaga gaagaaaagt ggtttgctta ttttaccctg aaaagttaac 248760
 aatgtgggtg cagatttttg atctaagact tcattacttt tgcaaagtac acaatacccc 248820
 atttcctagc atattatgaa atgttttaaa taattaaaat gaaaatattt tgctaaatta 248880
 attggccaag atgcattcta atgattttat tcctagtgtg ttgttttttt tctccttatt 248940
 gcttggctgt aattgaccaa gtactttctg gctcaccttt ttcattgtgg ctactgcagt 249000
 ttgggttact ccccatgga tggatttgc cctctagtgg aataacctgc catcctttta 249060
 tattttatat tgtgaatcct tatgccattc cagaaaaggc aaaaggaaat caaggctgca 249120
 aatctgcatg tcttttgagc atgttgtgtt ttctcagttt caaagactta gaagcagcc 249180
 agagagagga aatcttctg ttctttctct gcactgtgat atactgcatg ctacgcatat 249240
 ggatggcaac tattgggatg ccaagaagaa tagttaatga catttgtctc catagagatt 249300
 ataattgata gaaaacacaa aacttcaaat gcaaaacgtt aaatgacaac atagtggtta 249360
 tgtaatatga ggtgataatt aagaaaagtc cccaaatagg agcatggcca tgagccaaat 249420
 agatgatgag agctctaaga tcagaaaggg gaagtggga gacctctggg agaagcaggg 249480

acttagcctt	caccttggcc	ttcacagagg	gatgtaattt	ggagaggtaa	agaaaaagga	249540
ggagaagctg	gaggtcagca	gatttggtgt	ctgagtcctg	gcttcactaa	taaattggctg	249600
tctaaccctt	gacaagtgat	tttctaagat	tcagtttctt	tatctataaa	atggtcatat	249660
taattgcccac	agctggattc	ccaggaagca	tactcagaga	tggagattaa	tgtgtaggag	249720
gaggtttgtg	agggaaatctt	ctggagacca	acacctgtag	aaaggaggag	gaaggaagca	249780
gactggtcag	ggagaagtca	agctgtgaca	tgggtcatta	gaggcctctg	ccaaccccat	249840
tgggagtctt	ggggctagat	ggccctgcag	aactgtgctg	agttgggaca	agagggcctt	249900
tgtaacccca	agtcaatcag	acattgcatg	tggggcactc	tgggaagggg	ccgtgactga	249960
acaagatggt	cacttctgta	tttaccagta	tagacttcat	ctggatttgc	cagttgttaa	250020
cactttgtca	cattttttgta	atttttcttt	atatctatct	atataatata	tatacatata	250080
cacttataaa	ttattattat	tactgatccg	tttgagaata	gattccatgc	ttcatgattc	250140
ttcaacccta	aatattttaa	tgagtagcct	ctaaaaacaa	gaacattctc	ttaatataac	250200
catagtatga	tgattgaatt	caggaaat	cacatcagta	catactatta	tttaacatac	250260
aaatccatat	tcagatttca	ttgattatcc	caataatacc	cattatagca	attgtttttc	250320
tgattcagga	tacaagccag	gatcacacat	tacactcagt	tgctatgtct	ctttgggtga	250380
tttactctag	aatggttcct	tagtcattct	tcactcttca	tgacactgac	atttttgaag	250440
agtgcaggcc	agttgttttg	taagatatct	cttactgtgg	gtttgtctgt	tgtttctcct	250500
ttatgagctt	caggttatac	acttttgggtg	gtagcctaca	taagaaatat	tgtttgcctc	250560
gaacttttaa	acattttaatt	ataggaagtt	tcagccacat	ataaaagtag	tcagagtagt	250620
ataatttttc	tgtagactaa	tcaacccaac	cagtttaaca	gttatcacc	atgaccaatc	250680
ttgtttttct	atacttccac	ctgttctcac	atgttacttt	taaggaagtc	ctattcatca	250740
tatgttatat	ccataagtat	ttaaataaat	atgtgaattt	tgatctgctc	tttgacactt	250800
tcccttggat	gtccatttag	catctcaagc	tcaggatttc	caaaactgaa	ctcctaaatt	250860
tccctaccac	atctgcccc	tccacagcct	tccccattgt	tacataagca	aaggcaagat	250920
ctagttaaga	aagaaccttc	cagctcagta	agtagtgctt	gaaggcttac	ttagtgtgtg	250980
acagtttaag	gatatcaggc	aaatgacttt	gtcgtctcct	ctatgaagaa	gttgggtggc	251040
aacacacctg	gtgatcatgc	tgccatcctt	ctccaagttc	tctaaactgg	gggccctggg	251100
gctttgtaag	tattaatata	tgcatgtca	ggcatagagt	agacctagc	acagtggtca	251160
gaagggaaga	tgcagggggc	aagctgctgg	gatttatatc	cctccttgcc	actgactaat	251220
atgtgtcctt	ggacaagtta	accaaactct	ttgggcctca	gatttctcat	ctgtgaagtg	251280
ggactaataa	tgattttttg	ctcatagagt	tgttgttagg	gtgagttgag	ataatgtatg	251340
aaatgcacta	agaatagttt	atggcacata	gtaagtgtc	agtaaattgtt	aacaacttag	251400
actctcaata	tatgtgtggt	tgcttcactt	tgaaaaatccc	caagccaagt	gtctgaaggt	251460
gttgacatgt	gtttgtgatg	ttttatacct	gagggcattg	gtaagtgaag	cagctgtttg	251520
ttaagacatg	catgtagtat	cttttttagca	tgcgaaaagt	gctagtgcc	attctctgag	251580
aaaatgccat	gaagttgttt	aatataaatt	ccagacattt	gccattctcc	aactgacttc	251640
tggccacagc	cacttctcac	tcttgagg	agactactcc	ataaatgaaa	ctcccctact	251700
ggtgcacaaa	caacatcagc	tctcagaagt	tattaggtgg	tactgtcaa	agtcattgga	251760
atgttggcaa	aatgacaaga	agtcagtgtt	gacttctttt	ctgactgagg	aatttccatg	251820
tacatttgaa	gagtggttgc	tattcatgta	tggatagata	aatgatgaat	ggatagatga	251880
attgatggat	aggtaggtgg	atggatgggt	gaacgggtgg	ataagtgggc	ctttgtggct	251940
ccatggctct	cctgaaactt	ctgctctcag	gaaagggttt	ctgttcaaaa	aagttttttg	252000
ttttgttttg	tttttttttg	tttttttaca	cctcaagcca	gattaaattc	caggcctggc	252060
tccatgctcc	cactagaagc	caaaaaggag	accctgtgga	atgaaggctc	gtcagctttc	252120
agctctgagg	agggcaaggg	gccactgtga	ctaagactgg	tcctttaact	cacagaggcc	252180
aaggcaatgt	acatgaaggg	cctgctctat	ctaaatgaat	tatcctcttg	gcctcagctt	252240
tatacatcaa	gtaagaccac	tgggtgctctg	tgcttacta	cttagagtgt	ggtccttgac	252300
ctgcaccagg	gacatcatct	ggaaaccctg	gagaaatgca	aactctctgg	ccccctcctt	252360
cctgaatcag	aatctgaatt	ttaaactatt	tagaaattca	tatacacatt	aaagtttgag	252420
acatttggtt	ccagaatgtg	agttggaatc	agtcttaata	aaaatcaa	attatataaa	252480
atatattaat	atatttatgt	tttaaggccc	taatatTTTT	gactttttaa	aatttactta	252540
tgctgggagt	ggcagctcac	acctgtaatc	ccagcacttt	gagagaccaa	ggaagattga	252600
tcacctgagg	tcaggagttt	gagaccagcc	taaattacta	aaaatacaaa	aatttagccg	252660
gcatgggtgg	acacgtctgt	aatcccagct	actagggagg	gtgagacagg	agaatcgctt	252720
gaaccagga	gacaggttgc	agtgagctga	gatcacgcca	ttgcaactcca	gacttggcaa	252780
caagagcgaa	actcgggtctc	aaaaaataaa	ataaattcac	ttattttcca	tttattttta	252840
taaggagtat	ataattttaca	tgcagcaaaa	ctcacctctt	tttatatata	gttctataaa	252900

E1
unf

ttttgatttg	tatacaataa	gattcactct	ttttagtaaa	cagttctatc	agtgttgaca	252960
agtgc aaata	gtcgtataat	tatcagcaca	atcaagatta	ttatagaacg	gttctctgtc	253020
cccgaaaatt	ccctgtgctc	cccccttgta	gtcagctcct	cccaccatac	cctgtacctc	253080
acaaccatgg	tctactttct	gtccctatag	tttttccctt	ttataatgtc	atattagtga	253140
aatcatcact	tagcatcata	gacccccatt	gtaactggat	agttagttaa	gaatatggat	253200
ctagatctat	gcatagtcac	atgctagagc	cttgcaattt	tgaataactt	cattctccac	253260
agaactgtca	caaggagact	caggtctggc	attaaagtca	caggcacctc	actagcagcg	253320
gtcccgaagg	tttctgtccc	cagtaagagt	ctgctgttag	agaaacttgc	taccagaaaa	253380
attttgaggc	tgaactgctg	gtttccctgt	cagacttgct	agctttttgc	aatggctggg	253440
aggccttagt	tccctggaaac	agtgtgagta	gagggagtct	ccttcatctt	gctctattga	253500
gattttctagg	gatcagatcc	acctcactaa	aaagctcaat	aatggaaaag	gcctgagaat	253560
ctggggggagc	ttctgagccc	acttttccaa	ttggaagtca	gggacctgaa	aaacatctgg	253620
gccctaagaa	acagtttaac	gacagggatg	gcatcatttt	ctggtgacat	tctctgaatc	253680
acctttgcat	tgccaattca	tgcagtggagc	acaggaaaaa	aataatcttt	gtagggatac	253740
gtgttctcca	cttttaggaac	tgcaattaca	catatagtag	gctatttgaa	gttgtcccac	253800
agcttactgg	tgtatgtctc	ttttttttta	aggctttttt	ttccctctct	gtctgtcatt	253860
ttggatagtt	tcttttgcta	tgtcttaaaa	tttattaatc	ttttctctct	caatgtctaa	253920
tctactgtta	atctcattca	gtgtatgttt	ataaatagac	attataagca	gtttgagatt	253980
catagcaaaa	ttgactggaa	cattcagtg	attcttcatc	ttagacatta	agttttcatc	254040
tctagaagtt	tggtttgagt	ctttttgtta	catctttctt	gtctctgttt	aacatgttca	254100
atatttcttc	tatttaacaa	gtagagtaca	gttataacta	ttattttgat	gtctttgaca	254160
ttgtgagtta	aaactcacc	tgtgtgggtg	ttggataatt	ctgtattcca	ataaatagcc	254220
gggatctttg	tttttagttg	ttggaagcag	tttgataact	ttgggtttta	cttttgagct	254280
ttgttatgtg	ggaccagggc	agcatttagg	ctacagctgg	ttatttccca	ttactgcagc	254340
aagacccttc	tgggttctct	atgcaatggc	tgatgaatga	ccagggtttac	cagtttggca	254400
agtatgaagg	tctgaagagg	cactattcat	ggcccaatgt	gagccccaag	tactattctc	254460
tctcatcttc	tctgtgcctt	ccctctctca	gctcagtaac	ctcctcacat	gcacgtgctg	254520
gtctacactc	agctgaatca	cactgtatgt	gtgggtatac	acagggttat	tgatttcttt	254580
tgcttcacat	tttttttaaac	agcttttgtt	ttaatacttt	tgttaattat	gtaacatgtt	254640
tccatgggtc	caaagtcaga	tctattaaaa	gccatattta	atgaagacta	gcttctatcc	254700
ttgatccctt	gccctatttc	ctcccttcca	tgtttaaaaa	tttcagggct	catcctttca	254760
tttaaaaata	tattcagata	aatgaatctc	tctcctgctg	cttaagaaat	tggtaacata	254820
ttatatacat	tttgtctcct	ttatttagta	atatatgctg	gagcacagta	gtatatggca	254880
atattcttca	cttcttttta	cagcttccaa	gttctcctct	gtgtagatgt	actattgttt	254940
attcaacctg	taacctaatg	acggacatac	gagtatttgc	agtctttcgc	tagtacgaat	255000
agtgtgttaa	ttaatagcct	tgcacattca	gggttttttg	tttgttttat	tgccaatgta	255060
tctttgagat	agatttctag	aagtgtgatt	gcttagttag	agaataaatg	catacataat	255120
tttggtaggt	atttccaaat	gccactttgc	attcccacca	gcaaagtatg	agagtgttgt	255180
ttccccacaa	agtacgttat	caaacttttg	gagtttattc	tgctgtctct	tctgtctgcc	255240
tatctatcta	tccatccatc	catctattgt	atatctactt	ttgtctttta	taaatgtagt	255300
atttcattgt	gtggctctatt	ttacttgctt	ttggtatatt	ttttggaatt	taggaagcta	255360
tattttcatg	tcttacagca	aacacacttg	agattaaagt	gcacaaaatg	tccccacatc	255420
taaatttgga	gtggaagggg	agaaaccact	tttagcctca	ggtttcagct	gagatatcca	255480
acacagcttt	ccagaaacct	tgttacttgg	gagtcaaagt	gtgttgcttg	caaagattaa	255540
taaaagcgat	actttttttt	ctcatttagc	tatttagcca	gagatttttg	tttaaatatt	255600
cttaatgagg	agttaggggt	tgtgggtgtc	taaatctcta	atatctagga	ggaatcacct	255660
ttccagggtc	gctgattttg	gtgtcatcag	ttttagatta	ttaatgccta	gagatcagac	255720
attagtctgg	cattattaat	gccatagaga	tcagtgtagt	gacatgcaca	tcatgcccc	255780
gtggacattg	cttctcctat	atgtggacat	tgtgtttata	gtatttatag	aggaagatga	255840
ggggtaagg	gatcttcttc	atagaactgt	ctcatgccct	ggtatattga	atggctacca	255900
cagtgcattg	cactgctgat	ggtcaaaaca	ggtttctgta	tttttgcatc	tgtgtcatag	255960
atgctgttcc	tcttccccag	gtcagagcac	agccttggtg	tagtgctgcc	gtgagggtcg	256020
aagtcaacta	tttagaggct	gcagaaggca	cagggatttt	ctataaataa	cagttaggtc	256080
agacctcata	actgattcag	tctcagatag	ccggttcaca	agttcttgaa	atcttctcct	256140
cactttcaat	cacaggaata	tcttgacagg	aagatctaaa	cagaacatga	gaagtccatg	256200
atctttattg	tccttcttgt	taacctgata	tatagctcat	ggtacagtag	caatcacttg	256260
taaaaatgat	ggtgagacat	taagcacttg	ctaaaaatgt	tcctaagata	gggtagtaac	256320

5'
int.

atgaagttta	taatcgtacc	agctcagatt	ttgaactgga	ccaaagccat	agcaatgttt	256380
atatggaggg	aaactaactt	tcaatgcatg	cctcctttgt	gccagggagt	gtgctaagac	256440
accttctgtt	tcttgaagtt	ctcaccatat	acctgtgagg	tgcggaggat	tctccatttt	256500
ataggtaaag	agtttgtatt	tcaagaggtg	aagaaacctt	cccattgcca	tatagctagt	256560
aagtggcaag	gctacacttc	aaatagaagt	gtagttaatt	ctaaaaccag	agctggaaag	256620
tactgccaag	atgagatggg	aacagtggga	gctgagtgat	gctaaagtct	agatctcatc	256680
aggaactcta	aagaagcctc	ttaattacca	caggcctttt	atgtacctgg	catcatgctc	256740
tggaacctat	ttgttttcat	ttggtagcca	taagtacaaa	ccaactcacc	ttagagatgc	256800
agaagctgtg	attcaaagag	gttaagttaa	acacccaaga	ccaaagctgg	cttctagggg	256860
tgggtctgtct	gctgtcatat	tttatgccct	ttcacatgct	tttctgaatt	ggcagggtatt	256920
gggtatttgta	ttttgacagc	atctcattct	ctgagctcag	gctattactg	tgtgtgtgtg	256980
tgtgtgtgtg	tgtgtgtgtg	tatcactaga	atgtactatt	ttactatttc	aagatttcca	257040
agtgtcttat	gaacaaagct	cattctgttt	cactgattga	agtaaccctt	taatggagaa	257100
acagatgcag	tgatggttct	tttctcattc	cttttccaaa	tctcattgaa	aaagtgtctag	257160
ttgtacctcc	aacattccct	ttttaaaata	aaaggtcagt	atcaggcagt	gtttctgaag	257220
aaactgtctga	ttgaaatcag	cattttcaatt	tcaaaacaac	aaaagtttgt	acgtaacaaa	257280
agcttgggtaa	tcagcaaata	aggggtccct	acccaaagag	tagtggttct	aaattttatat	257340
gtcgggtttta	agagatccct	taaagagcct	gtcagacctc	ttactcagct	gtctcaaggc	257400
ctggaagcaa	tttaattgaat	tcttcttgag	agtctgttag	gtgtgaggca	ttgtgctttg	257460
gggcatagaa	caaaaagaca	ccttacaacc	tagctaggga	aaccggacac	ctgtaagtgt	257520
gatttacaag	actgagggca	aatgccagga	gccactggag	tggagccagc	actctggaag	257580
ttcagaggag	gaggcccatc	tcttataaag	gagtgagcag	attcatgcac	ttctccctga	257640
aatggacctg	ttgtatttgt	ttccctgctc	caggaatgac	ttatcatctt	tctctgaagc	257700
ggaggttcac	tagcataact	gtagcccaga	tgtcagccag	cttgtccctg	cctctccaga	257760
tctaggcaac	tttgacttaa	gcccttagga	catgccctat	ggtagctcaa	agcctttcct	257820
aagacttcta	caaactcttg	gggtgctgtg	tgatctcatc	ctctgggctt	ctgtctctat	257880
tgtccccatt	ctgaccata	ttgatgcaga	gtgaaaaatc	taggctttta	attcattttc	257940
ccaatactc	cctgtgatgg	ttaagtgaat	gtcaacttta	ttggattgaa	ggatgcaaat	258000
ccagtcaagg	gtgtgtctgt	gaggggtgtg	ccaaaggaga	ttaacatttg	agtcagtggg	258060
ctgggagaaa	cagacctacc	ctcaatctgg	gtgggcacta	tctaatacag	tgccagcatg	258120
gtagaataaa	aagcaggcag	aagaacgtgg	aaggactaga	ctggctgagt	cttctgacct	258180
tcatctttct	cccatactgg	atgcttccctg	cccatacagc	tccaagttct	tcagctcttg	258240
gactcttgga	cttacacaag	tggtttgcca	ggggctctca	agccttcggc	cacagactga	258300
aggctgcact	gttgccctcc	ctacttttga	gatttttgaga	ctcgaactgg	cttccctggc	258360
ccagatggcc	tattgtggaa	cttcaccttg	tgactgtgta	agtcaatcct	ccttaataaa	258420
ctccctttca	tatatacatc	tatcctatta	gttctgtccc	tctagagaac	cctgaaaaat	258480
gtactcctat	tcatccaaat	cttctgtgag	tacacttgac	ttttttgaaa	atttgaaagc	258540
tagcaataaa	agcctcatgt	cacaaggaca	taagcaactt	caaactaatc	attagggcatc	258600
cctgttcttt	aaaaatgctc	tttagcaggt	gggcccattg	gaaaggaggc	tctgagatga	258660
ttttcatgtg	gaaagggttc	tggggatggc	cagctctctg	gatccattta	tataggggca	258720
aggaaggaaa	caggagtggg	tagagagaga	aggtgggctg	tggtagcttc	tcagcaaggc	258780
ctggtcaaca	gcacagggtg	cactgaagtt	gggatggcct	tgcagagttc	attgaggggg	258840
ctgagctcaa	gagccctgcg	tctaccagtc	actcactgca	ggaatgcagg	aagggcatga	258900
gccctgatga	ggcagttctt	gagctgagct	cagctgaggg	caattcttca	agagggctga	258960
tggctgaaat	ctgtctccca	agggcactcc	aagtagggtg	agaataaaac	ttctctatct	259020
tgaaaaacag	tcttcatccc	cagctccatt	tcagttttct	ggcatctctc	actttccccc	259080
gtttctcaag	agcaaaaaca	acttttctca	tgcgggcacc	tgagtcattc	ttctgcttct	259140
ttactaataa	ctatgtcctc	aggttttcat	ctttcttcac	aaaagtcatc	cttgcctatt	259200
gttttctaaa	taaataattt	ctgtgtgtgc	acgcatgtct	gtgccagctg	atgcttaaca	259260
catttgtacc	ctaattccat	ttgtctccat	tcagtaatga	tgggaagcat	cagagagata	259320
aatcgctata	atgagaacaa	tgtggatttt	aggacctgaa	caatctgggt	ttgcaacttg	259380
gctactttta	ctctgtggtc	ttagacaagt	ccctttactt	ctcagagcct	cagtttcttc	259440
acctgtacaa	tggaggaata	attaaaaata	gcactatatt	gtgtattaag	tggtcaccca	259500
ataaatacca	tcccttctac	ccctctttct	tggccacttc	aattgccatt	ctgcaggccc	259560
tgactttatg	agttagtgtc	tcattgacta	tgaaaatatt	tgttctgtta	gttttttcac	259620
tacacaaatt	tgaaatcctg	cttccaagca	aacaatccta	aagcagaccc	attagctctt	259680
atcaactgca	aaacagatgg	ccagggttgg	gggtgtagggg	gcatgtggga	gcagagttca	259740

aggacttctt gggcagttatt tatgttcata gtgccaaggc ttcttcagtg ttcttagtag 259800
 ctctgtttta ctctttcttg ttcattgttc ttttttcttc ttagagctgt aagtaaaacta 259860
 tgttacatgt atttgatttc cattatgacc atgctcgaat ttagtaaaag tgtacttttc 259920
 ccagctgagg gctagatatt tttaaacaat taagcatgtt ttatgataaa attaaataaa 259980
 tggatacagc tgttctata gtattttgaa atatctatat tatattatc attgttgaaa 260040
 accctaaaca ccaccaggta ctacaggcta agcaggaagt tttgttttta tttctctatc 260100
 attgagtttt gcctaatagt tttcaaattg ccaaattaga aaaaggaagc atgcaacatg 260160
 aacctttcaa ttctcaggat aaactgccat atctggactt ccaatgcctg ggatctcaga 260220
 aaggaggcaa gtttactctg acagtatggt atgaagatat tgacaaaaaa aatttacaaa 260280
 gagattattt tggattcttg ataagggtgg ggtagaatca aggagtttca cctgtccttc 260340
 attaagaccc ttgggtgtg aggggcacat gcaggtaagt cacccttgtg caacatgaat 260400
 gcacaaacag agcggccaga agcactctgg gtagagtcag gtgcagaata atgggcaaaa 260460
 ccttagaaaa actggaagaa tattagagcc ctagtattgc cactccata tgaaatagca 260520
 gttttttct gtccatctgt gcccatggaa gctggactgc agggaaagg taaatctcatg 260580
 gagcaggcat gctctttggt gcagccaagg attgttcagc agacacagag atccctgcct 260640
 ccagaacaag aggtaagggt gtatcatggg aatgggacct atggccact ttatctgttt 260700
 caaggatggt ccaaagatgt ttctttgttt gtttgtttgt ttccagacaa ggtctcactc 260760
 tgtcatccgg gctgggtgtc agtgggtgtg tctcagctca ctgcaacctc cgcctcctgg 260820
 gttcaagcaa tctctccacc tcagcctcct gagtagctgg gattacaggc atgcgccacc 260880
 acgcctggct aatttttaca ttttagtag agatgggggt tcgcatgtt ggccaggctg 260940
 gtctcgaact cctgacctca ggtgatccac ctgcctcggc ctcccaaagt ggtgggatta 261000
 caggagttag cactgcgcc ctgccaaaga tctttgtttc aagcctactt gtatctaaga 261060
 tttttaaggc cccggggata tctgaattat aagagtatct cagaaatgct atcctccctc 261120
 tatcaacatg ggaaaggctg tggatttgac ctacttgcca caagtccctc aaccctccag 261180
 atgccaagct gagccagccc accttggct aactccagag cattctgatt tgtgcttct 261240
 cgtggcatct cagcccttg agaacgctat tataccagta atattatgta aggaaggctg 261300
 agattttggt ttgccttaac attctccact tcactcccagg ggtatccct tctctggaca 261360
 tgatatagat ttacatgcac tccatgttcc tgccatagaa actatcatga gttctttgct 261420
 gtccaatatt cataaaaaac ctggtggcaa aaattcatat tcataaagg tttgtggaaa 261480
 gatgtgacca ccaccaatct ctccccatct tctaaatctt actactgaat ccaccactt 261540
 catgaccatg acatttaagg ggagagaggt ctctctgccc cacttgctct cactcccagt 261600
 tgtttgtcct gagtgtgttc tgatttcatg ctgttgattt caattaagga tatgacaaga 261660
 aatattgtca ccttctgtat catgccatgt tttcaggctc tctcctcca cattgcaatg 261720
 ttctctttct ctgctgcctt agtatctggg aagctgtttt tctgagtag caggtttgtt 261780
 tttaatccta gggtttgagt tggtagcat actgatcatc tttctgctt tggccactag 261840
 gaatcataga atcaaattta cctctgtcct cgaagattat atggtatgca tttctttctt 261900
 tctttttttt tttttttttt gagacggagt ttcactcttg ttgccaggc tggagtgcaa 261960
 tgggtgatac taggctcacc acagcctccg cctcccagg tcaagcgatt ctctgcctc 262020
 agcctcctga gtacctagga ttataggcat gcaccaccgt gcctggctaa ttttgtattt 262080
 ttagtagaga tgggttttct ccatgtaggt ctgacttgct tcgaactccc gacctcagg 262140
 gatccaccgc ccttggcctc ccaaagtgtc gggattacag gcatgagcca ccgcgcccg 262200
 cctatatggt atgcatttct gtgttaatct tactcttaga ttatgacttt cctgacttta 262260
 ttttctctc accctgattt caactaatta gtttaatgtt ttgtatagta taatatatgt 262320
 tcttttaggc ttcctcaaat gctttgtgaa atgcaagggt agatagtaat aaataaattg 262380
 cagaactata aaacggagat taaaaacatt cctttccct cccagattaa agctactcat 262440
 cagaactcat cagaaaaatc aggtgtatta gtctgctcgg gttgccataa caaagtacca 262500
 taaccaagtt gcttaaacaa cagaaatata ttttctgaca gttttgaagg ctggaagtcc 262560
 aagatcaagg tgccagcagg tttggtttct cctcagggtc ctctccttag cttacagatg 262620
 gctgtcttct ttcagtgttc tcatatgtcc tttttctgt gtggaccac atccctgggtg 262680
 tctctgtgag ttcaaatttc ttcttataag gacaccagtc agattagatt agggcccaca 262740
 ataacagcct tgttttaact taatcacctc tttcaagccc tgggtctaaa atatacaaat 262800
 attcagagggt aatgggagtt aggacttcaa catatgaatt tgggggatac acagttcagt 262860
 ctataacata aggtgttttt attatctgtg gtggaaggac tttcttacag gcccttttct 262920
 cccttgggtca tgagggatag gtatgagtgt ttggaaggca cttgcacaga ccatggcagt 262980
 agcatcaaat gccttccaaa ggacctccac ctgtagaaca gaggtgactg acgggatttg 263040
 gtttgtaacc ttttttgctt agtgtcacct gtgacagata aagaggacaa gccttatgct 263100
 ctcccattag aaatttttgt ccactcctgt gcctaggctc caggttctag gtggtgtaca 263160

gttccagacc tgccagcagc atcacagctt gtatctcagc aacaactggt ccagggcaca 263220
 cctgactttc acacagatta ttctcaggat ggtctgttat caccagagg ttcttgataa 263280
 gacaaaccca gtgctactga cttcactatc atggtgcaac acagcttgga gaaatgggaa 263340
 aaagcaggcc catctttgcc ttacctgtca tccaaagatg gagacagaac tctgatttct 263400
 taacattatc tctgcaagtc aaagtgtcca aattcttgac accagcagtt aaaacacagg 263460
 gcctttgatt gaagcagaca actgagttag tttccagga ggtctgaaga aagccaactc 263520
 attatccagg tctctgaaca gacaaataat tatgagacac tgaaatgtat tttcccatgc 263580
 aagtcagaaa tggctcagcc tctgttttgc actgttaatt acactattgg gcagagccct 263640
 gttacagttc ttggtcatag acttaccctt gatgcctggc agcatgggta ggaaactgag 263700
 ctaatgtgtg gtcctgactt acatcaaaat gtgtgcaccc tcaccagtgt caggtcaaaa 263760
 atgagaggca agaggaatct cagacatagc aggagtgcct ctgctgttgt atcagctcgt 263820
 aagagaaaaa aaggcagaat tattttgcac tgtattttgt cagcagcaat gttctgatct 263880
 caagaaattg tgatgtttct catggtgaaa atcagtgaac tagctgagac ttgagagaag 263940
 cagggagaat gcagcttaca taagcccagg ctgctaccca ggtcaggggt tctgtctcct 264000
 ttgtctcttg ccaaagtcac tgttgactag acaattgtca attagtgttc taggccagg 264060
 gatggccctt gctgctgtca tgctgccaga ctctctgtga ccccaccag cacttgatgc 264120
 aggaggcttg agacagcttt caaccatgca cctagatttc tactagtatg ccaaaactgc 264180
 taagatcaga taactgccta ctggaaaaat caagatcttc cctttctttt tttaaaagg 264240
 gtctttagtt ttaggttcac agcaaaattg agaggaagat acagagattt cccatatatc 264300
 tctgcccc acacatgcat aacctcccca ttatcaatgt cctgcaccaa gatggtacat 264360
 ttgttgcaac tgatgaacct gcattcatac agcataatca cccaaagtct acagttaact 264420
 ttaaggctca ctgttggtgt tgtacattct atgggtttca accaatgtat aatgtcatgt 264480
 atccatcact atagtatcat acagaatagt ttcactacc taaaaatact ctgtactctg 264540
 cttagtcata cctcccaacc cctggcaacc actgatcttt ttactgtctc cacagttttg 264600
 ccttttctgg aatgtcatat agttgtaatg atatagtatg tgccctttt cagtttggct 264660
 tctttcactt agtaatat t aagattcctc catgtctttt catggcttaa taggttattt 264720
 ctttttagca ttgtataata tcccatgtc tggatatacc acagtttatc cattcatctg 264780
 ctgaaggaca tcttggttgc ttccaagttt tgacaactat aaataaagct gctataaaca 264840
 tccatgttca attctctctg tggacatatt ttcaactcct ctaggtaaat accaaggagt 264900
 gtgattacag aatcatatgg taaaaatag tgcagttttg taaaaacaaa aaacaaaata 264960
 aaacaagaaa tccccaacac tgtcttccaa aatggctgaa ccattttgca ttccctccag 265020
 caatgagtga gagttcctgt tgctcctcat cctgtcagc atttggtgtt gtcagtgttc 265080
 cagatttttag tcattctaata agtatgtag tagtatctca ttgtcttaata ttgcatttcc 265140
 ctgatgacat atgatatgga acatcttttc atatgcttac ttgccatcta tatattttct 265200
 ttggtgaggt acctgttaag gccattttt tagttagggt gtttgttatc ttattgttga 265260
 gttttaagag ttctttgtat attttgata atagccctt atcagataag tgttttgcaa 265320
 atatcttctc ccagtatgtg gcttgccttc tcattctctt gacgttgtct ttcacagagc 265380
 ggtccagatt atcatttctt gctctcaaaa atcatgcctt tgttgatatc aaaaagtcac 265440
 tgccatactc aaggtaatct aggttttctt ttatgttatc ttctaggagt tttatagtct 265500
 tgcactttac atttaggtct atgatccatt ttgagataat tcttgtgaag ggtgtaagg 265560
 ctgtgccgag attcaattat ttgcatatgg atgtacgggt gttccagcac catttattga 265620
 aaagactgtc tttgtttcac tgcattgcct tttgttatct gtcaaagatc aattgactac 265680
 atttatgtgg gtctatttct ggactttctg ttctgtttca ttgatctatt tgtctattct 265740
 tttgccaata ctacattgtc ttgatcactg tactttatg gtaactcttg atgtcagata 265800
 ttgttagttt tcaaactttg ttttcaattg tgttgactat tctaaacctt ttttacctct 265860
 ccatataaac tttggaatct gtttgcacac atccacaaag taacttgctg ggatttttat 265920
 tgggattgct ttgcatctat tgatgaagtt gggaggaact aacatctttt tttttttttt 265980
 tttagagata gagtctcact ctatagccca ggctggagtg cagtgggtgtg atgatagctc 266040
 actgcagcct caaactcctg ggctcagggt atccttctgc ctcaggctcc caagtagctg 266100
 agactacaga ggtgtgccac tatgtccagc taatagaact aacatcttgc caataataag 266160
 tcttggtatc cattagtata aaatctctct ccattttttt agttcttctt tgatttattt 266220
 catcagagat tcataatttc cctcatatag atcttgtata tattatgtta gatttatacc 266280
 tgtttcattt tgggggggtg ctgatgtaaa cggatttatg cttttaattt caaattccac 266340
 ttattcattg ctgatataata gaaaagtgtg tgacctttgt atattaacct tgtatcctgc 266400
 aacctagcta gaatcactta ttagttccag cagtcctttt atcgattttt ttaaattttc 266460
 tacatagaca atcgtgtcat cactgaagga gaacattatt tcttctttcc caatctttat 266520
 atatttattt ccttttttat cttgttgcac tagctagaac ttccagtaca atgttgaaaa 266580

agtgtggtga gagagaacat ttttgccttg taactgacat tagttggaaa agctttgagt 266640
 ttctcaccct taagtatgat gtttaactata agttttttgt agatatacctt tatcagggttg 266700
 aggaattttt cctgtattcc tagtttactg agaattttta tcatgaatgg gtgttgattt 266760
 ttgtcaaaag cttttgtttg tgtctattta tatgatcatg tgatattttt attttttagtc 266820
 tattgatgta atgaattaca ttaattgatt tttgaacact gaactagcct cacttagagg 266880
 ggataaatcc cacttgggtca tgttggtataa ttctttttat atattgttggt atttttatttg 266940
 caaatatttt gttaaaactt tttatgtgca tgtttatgaa aaatactgggt ctgtagttta 267000
 attttcttat aacatctttg gttttgggtt ttattttgggt ttaggttgat ggtggtctca 267060
 tagaatgagt taggaaatat tccttctgct tctatcctct gaaagagatt gtaggggaatt 267120
 gttataattt cttccttaag tgtttggtag aagcaacagt gaacccatct gggcctgggtg 267180
 ctttctgatg tggaagggtta ttaattattg attcaattta ttgaataaat agtctattct 267240
 tgtatgagtt ttagcaactt gtgtctttca aggaattgggt gcatttcac taagttatca 267300
 aatttgtgga catagagctt ctcatagtat tgttttatga tctcgtaa at gtttcttaca 267360
 tctatagtga tgtccctctt ttcatttctg atactagcaa tttgtgttct ctcttttttt 267420
 cttaatttagc ctgtctagtgt gcttagcaat tttactgac ttttcaaaga accagctttt 267480
 ggtcttcttg attttctgta ttgatttccc atttttaatt ccattgattt ccgctcta at 267540
 tcttacttct ttcttctgct ttactttgat taaatttgc ttttcttttt ctaaggtaga 267600
 aacttagatt atggatttta tatctttctt ctttctaat atatgtattc actgctataa 267660
 attttttctt aagcattgct ttcactatat ccacaaattt tgataagttg tgttttcatt 267720
 tctatttagt tcaaaatacg ttaaaattta tcttgagatt tcttctttaa cccatgtgtt 267780
 atttagaagt gtgttggtta atctccatgt gtttcaggat tttctagtta ttctgttatt 267840
 gatttcta at ttagttccac tgtgggtctga gtgcagacat tgtatgattt ctgtttttta 267900
 aaaaagtcta tggcttttat ggccctaa at atgggtctatc tccgtgaata ttacatgtga 267960
 gcttgagaag atttgtattc tgcgtctgtt gaatgaagta gtctgtagat gtcagtttta 268020
 tccttttgat caatgggtatt gtcaagttca actatgtcct tactgatttt ctatctgctg 268080
 tatctgtcta tttctgaaag aaggattttg gaagtctcca atgatgatag tggatttatc 268140
 tatttttctt ttcagtgtctg tcagtttttg cttcatgtat tttgacactc tgtgtttaga 268200
 cacatacaca ttaaagaaca tgtgtgttaa ggattgtttt gacttcttag agaattgacc 268260
 cctttattac tatgtaatgc ctttatttat cctcctagac ttcccttgct ttgaaatctg 268320
 ctctgtctga aattattaag gctcccttg atttctttta atgagttttc acatgggtatc 268380
 ttgttctcca accaattgct ttttaattgt tctttatatt taaagtgagt ttctcgta at 268440
 taacatgtag ttggatcttg ttttttggtt tttgatccac cctgacaatt tctgtctttt 268500
 aattggtaca ttttagatcat tgatgttcaa agtgattatt gatgtagttg gattaatatc 268560
 taccctattt cttactgttt tctatttggt gtctctgttc tttgttccat ttctatcttc 268620
 tagtcctttc tgcctttttt ttaaacaggg aaaataaaga tttttaaggc tgatttga at 268680
 agtcagtata ggttgagtat cccttatctg aaatgcttag gaccagaagt tgtttcagat 268740
 ttgggatttt ttttttctg gatttgggaa tatttggttc agcatgccta atctgaaaac 268800
 ctgaaatttg aaatgctcca atgagtattt cttttgaact tcatgggtgt gctcagaaaag 268860
 tgtcagattt ttcagcattt taaatttttg atttttggat tagggatact caacgtgtag 268920
 tacgttatca tgcgaatcat gaaggaaaag ttgaaaatga gtgcacatca tattgtgagg 268980
 ctgtaatttt gttatgtgta atttttttgc attaaaca at ttttaaggcc aatttggttc 269040
 taaaaaca at agattgcctt ttacataaag ttaatatatc tgccccattt catttaactg 269100
 ttgcaaaaata ctttatatta tggatacacc atctattttt aactagtatg ctattgattt 269160
 ctttttatgg ttttaattga gcagattccc ttatctctcc tttcta acat atcagttata 269220
 ctttttttag tggttgccct agaattggct gtatacattt acaactaatc caagtttact 269280
 ttctttttta aattaaattt aaattttttt gagaaaggggt ctcatctgtt gctgagctgg 269340
 agtggagtgg tacaatttca tttcactgca gccctgacct cctgggctca agtgagctc 269400
 ctaactcagc caccctgagt agctgggacc aaagggtgagt gccaccacat ctggctaatt 269460
 tttgtatttt ttgtagagat agggtttcac catgatgtcc aacctgggtc tgaactcctg 269520
 agctcaagcc attcacctgc gttggcctcc caaattgctg ggattacagg catgagccac 269580
 cacacctggc ccaagtctgc tttcaaaca cattatacca cttcataggt aatgtgggta 269640
 ccttataata acaaaataat cctaattctc tcctccatcc cttctataat taccatcact 269700
 ccatttatat ataaacatac ataagaaa at atatgtacac acacacatgc acacataagc 269760
 atacatcatt gagtacattt ttactattat tattagaaca ggttgtctgt tagattaaga 269820
 aaaataaaag tctgtaaaac ctaccttcat cgattctttc ttcagtgatc tttctttatg 269880
 tagacctgag tttctgacct atgttatttt ctttcattta acatttcttg caaggcagg 269940
 ctctagcaa caaatccct caatttttgt ttgtctgaga aagtctttat ttctccttta 270000

51
 cont.

cttttgaagg ataattttctc aaggaacaaa attctaggtt ggtgggattt tcttttataa 270060
 ctgtatgtat ttcacacgac tttcatttta ctgcatgat ttattttatt ttattttatt 270120
 attattatac ttttaagttt tagggtagat gtgcacaacg tgcaggtagg ttacatatgt 270180
 gtacatgtgc catgctgggtg tgetgcaccc attaatcgt catttagcat taggtatagc 270240
 tcctaagtct atccctcccc actcccccca cccacaaca gtccccagag tgtgatgttc 270300
 cacttcctgt gtccatgggt tctcattgtt caattccac ctatgagtga gaatatgccg 270360
 tgtttgggtt tttgttcttg cgatagttta ctgagaatga tgatttccag tttcatccat 270420
 gtccctacaa aggaaatgaa ctcattcattt tttatggctg catagtattc catgggtgat 270480
 atgtgccaca ttttcttaaa ccagtctatc attgttggac atttgggttg tttccaagtc 270540
 tttgtctattg tgaatagtgc cacaataaac atacgtatac atgtgtcttt atagcagcat 270600
 gatttatagt cctttgggtg tatacccgat aatgggatgg ctgggtcaaa tgggtatttct 270660
 agttctagat ccctgaggaa tgcacacact gacttccaca atggttgaac tagtttacag 270720
 tcccaccaac agtgtaaaag tgttcttatt tctccaaatc ctctccagca tctgttgttt 270780
 cctgactttt taatgattgc cattctaact ggtgtgagat ggtatctcat tgtggttttg 270840
 atttgcattt ctctgatggc cagtgatgat gagcattttt tcatgtgttt tttggctgca 270900
 taaatgtctt cttttgagaa gtgtctgttc atgtccttca cccacttttt gatgggggtt 270960
 tttgattttt ttcttgtaaa tttgtttgag ttcatgttag attctggata ttagcccttt 271020
 gtcagatgag taggttgcga aaattttctc ctattttgta gggttctctg tctactctgat 271080
 ggtagtttct tttgtctgtc agaagctctt tagtttaatg agatccatt tgtcaatttt 271140
 ggcttttgtt gccattgctt ttgggtgttt agacatgaag tccttgccca tgcctatgtc 271200
 ctgaatggta atgcctagggt tttcttctaa ggtttttatg gtttcagggtc taatgtttta 271260
 gtctttaatc catcttgaat taatttttgt gtaagggtga aggaagggat ccagtttccg 271320
 ctttctacat atggctagcc agttttccca gcaccattta ttaaataagg aatcctttcc 271380
 ccattgcttg tttttctcgg gtttgtcaaa gatcagatag ttgtagatat gcggtgttat 271440
 ttctgagggc tctgttctgt tccattgatc tatactctctg ttttggtagc agtaccatgc 271500
 tgtcttgggt actgtagcct tgtagtatag tttgaagtca ggtagcctga tgcctccagc 271560
 tttgttcttt tggcttagga ttgacttggg gatgcgggct cttttttggg tccatatgaa 271620
 ctttaaagta gtttttttcc aattctgtga agaaagtcat tggtagcttg atggggatgg 271680
 cattgaatct ataaattacc ttgggcagta tggccatttt cacgatattg attcttccca 271740
 cccatgagca tgggaatgttc ttccatttct ttgtattctc ttttatttca ttgagcagtg 271800
 gtttgtagtt ctccctgaag aggtccttca cgtcccttgt aagttggatt cctaggtatt 271860
 ttattctctt tgaagcaatt gtgaatggga attcactcat gatttggctc tctgtcagcc 271920
 caaaatctcc ttaagctgat aagcaacttc agcaaagtct caggatacaa aatcaatgta 271980
 caaaaatcac aagcattctt atacttgcac gatttctgag aagtctaag taattcttat 272040
 ctttgttctt atataggcaa aatgggtttc cccactctgg cttctttcag gattttttct 272100
 ttacctttga ttttctgtag tttgaaaata atatgcctag gtggtggtgg tgggtggtgg 272160
 ggtggtaatg gtggtggtgt ttcttttttg tgtttatcct acttagtgat ctctaagctt 272220
 cctggatcct atgggttggt gtctgacatc aatttgagga aattctcagg cattattgtt 272280
 ttaaataattt cttcttttct ctctgttctc cttctagtat ttttcatgca tctatgtatg 272340
 tatgtagtag tgtcataatc cttagatatt ctcttctgtt tttttttttt tttcagctctg 272400
 tgttctcttt gtttttcagg ttttggaggt ttctattaag acatcctcaa gctcagagat 272460
 ttttctctca gccattttgc atctactaat aagcccatca aaggcattct ttgtttctgt 272520
 tacagtattt ttttacactt ttatttttag cttaggacta catgtgcagg tttgttatac 272580
 agataaattg tgtgtagcaa ggggtgtgat taagattatt tcatcaccca ggtgataagc 272640
 atttaattta taggtggctt ttgtttttct ttttgttga aacagagcct cactctatca 272700
 cccaggctga agtacagtgg tgccatctca gctcactgca acctcctggt ttcaagtgat 272760
 tctcatgcct tagcctcctg agtagctggg attacagggt tgtgccatca cagtaacatt 272820
 tttagtaaag acagggtttt accatgatgt ccaggctagt ctggaactcc tggcctcaag 272880
 tgatccacct gcctcagcct cccaaaagtg ctgcaattac aggcacagc caccatgcct 272940
 ggcccttgat aggtagtttt tgatccttac cctcctccca ccatctacct ctacagaggc 273000
 ctcatgtctt gttgttccct tctttgtgtt catgtatact caatgtttag cttccactta 273060
 taagtgaaga catacagcat ttgggtttct attcctgtgt tagcttgctt aggataatgg 273120
 cctccagctc catccatgtt actgcaaagg atatgatctc attcttttta tgactgtgta 273180
 gtattccatg gtgtatatgt actacatttt ctttatctag tctaccactg atgaacattt 273240
 aggttgattc tatgtctttg cttttgtgaa tagtgctgca atgaacacat gtgttgact 273300
 tgtctttatc gtagaatgat ttctattctt ttggatacat acccaataat ggaattgcta 273360
 ggatgattgg tagttctatt ttttaagttat ttgagaaatt atcaagttgg tttccaaaaat 273420

E1
 conf.

agctgaacta atttacattc ccactggcag tgtataagca ttcccttttc tctgcatcat 273480
 cttcagcatc tgttattttc tgacttttta ataataagcca ttgtgactgg tgggaaatgg 273540
 tatctcattg tggttttgat atgcatttct ctgaagatta gtgatattga gcatatttca 273600
 tatgtttgtt ggccacatgt gtatgtcttc ttttaagaag tgtctgttca tatcctttgt 273660
 acacttttta atgggggtgt tgggtttttg cttgctgatt tgtttaagtt ccttatagat 273720
 tgtgaatatt agacctgtc agatgtatag tttgtaaata ttttctccca ttctgtaggc 273780
 tgtttgttta ctctgttgac attttctttt gatgtgcaga agctctttta ttttaattaag 273840
 tttcatttgt caatttttgt ttttattgca attacttttg tcatcttcat cattaatatc 273900
 ttgccaaggc ctatgtgtag aatgatattt cctagattac cttccaggat ttttattgtt 273960
 ttaggtttta catttaagtc tttaatccat cttgagttga tttttgtata tgggtataagg 274020
 aaggggtcca gtttcaatct tctgcatatg gctagccagt tatcccaaca ccatttattg 274080
 aataggaagt ctttccccac tgcttgtttt tgtcaacttt gtccaagatc ggatggttgt 274140
 aggtgtgtga cttcattcct gggctctctg ttctgttcca ttgttctgtg tgtctgtttt 274200
 ttgtaccagt acatactgtt ttagttatgg tatccttttg atatagtttg aagtcagggtg 274260
 atgtgatgcc tctaactttg ttcttttgct taagattgcc ttggctatta gggctctatt 274320
 taaggttcat atgaatttta aaatagtttt ttgtaatact gtgaagaatg tcattattag 274380
 tttgatagga atagcattga atatgtaaat tgctttgggc agtatgactg ttttaacaat 274440
 attggttctt cctaatacat agtatgaaat attttttcta tttgcttggt taatctctga 274500
 tttctttgag caatgttttg taattctcac tgtacagaat tttcactccc tggttaacta 274560
 tattcccagg tgttttgttc tttccgtggc tattgtgaaa gagattgcat tcttgatttg 274620
 gccctcagct tggacattga tggtttatag aaatgctact gatttttgta cattaatttt 274680
 gtaggctgaa gctttgctga tgtcatttat cagatttagg agcttttgaa tagagattgt 274740
 ggggttttct agatatagac tcatattatc tacaacacaga tagtttgatt tcttctccta 274800
 tttggatgcc ttttatttct ttgtctttct tgattgccct gcctaggact tacagtactt 274860
 tgttgaatag aaatgggtgag aatgggcac cttgtcttgt tctgtttctc aaggggaatg 274920
 ctacagcttt ttttttttgc tcagtatgat gttggctgtg ggtttgtcag agatgcctca 274980
 ttattttgag atatgttctt tcaatgccta gtttgttggt gaggattttt aacatgaaca 275040
 tatgttgaat tttctcaaaa atcttttctt cgtctattga gatgatcatg tggtttttgt 275100
 tttcagttct gtttctgtgg tgaatcacat ttattgattt gtgatgttg aaccaacctt 275160
 acatcccagt aataaagcct acttgatcat ggtggttag ctttttggtg tgctgctgga 275220
 tttggtttgc tagcatttta tcttggtatt ttgcactcat gttcatcagg gtattgttgt 275280
 gtctctgcca tattttggta tcaggatgat gctggcctca tagagtgagt tagggaggag 275340
 tccctcctcc ttaatttttt ggaatagttt ccataggaat ggtaccagg cttctttata 275400
 catctggaag aattcagctg tgaatctctc tggatggga ctttttcttg ttggtaggct 275460
 ttttatcact gattcagttt tggacctcat tactggctctg ttttcaagag ttcattttct 275520
 tcttggttca atgttgggag gttgtagatt tctaggaatg tatcagtttc ttccaggttt 275580
 ttcagtttgt gtgcatagat atgtttgtag tagtctctga ggattttttt ttatttctat 275640
 aggggttggtg gtaatgtccg atttgttatt tctaattgtg tttatttggg tcttctcatt 275700
 tttttcttta ttattctagc tagtggtgta tcagtcttat ttactctttt aaaaaaccaa 275760
 ctctgaatt cattaatctt ttggaggttt ttcacatctc agtttcattc agttcagctc 275820
 tgatttttgt tagttcttgt cttcagcttt ggggttggtt tgctcttgt ttttctaatt 275880
 cttgtagttg tgatgttagg ttgtaattt gagatctaac tttttgatgt gaacatctag 275940
 cactataaac tttctcttta acactacttt agctgtgtcc cagagattct ggtatgtttt 276000
 atctttgttc tcattagttt caaagaattt cttgatgtct aacttaattg cattgcttac 276060
 ccaaaagtca ttcaggagaa gattgtttta ttttcatgca cttatatggt ttttagagat 276120
 ctcttagag atttctgttt ttattgtgct gtggactgag agcttggttc gtatgatttc 276180
 gatttttttt cagtttgctg agaatttgtg ttgtggctga ttgtatgttt gatttttagag 276240
 tatgtgccat gtggcaatga gaagaatgta tattctgttg tttgggtgg agagtctgt 276300
 agatgtctgt cgggtccttt tggcctcaatg tcaagttcaa gtctgaata tctgttttct 276360
 gcctcggtgc tctgtctgat actgtcagtg ggggtgtgaa gtctctcatt attattgtgt 276420
 gggtatctaa gtctctttgt aggtctctca gaacatgggt cttctgtgtt ggggtgcatat 276480
 atatttagga tagttaggtc ttcttggtga attgaacct ttaccattat gtagtgccct 276540
 tctttgtctt ttttgattat tgttggtaaa aagctctgtt ggtctgaaat tagaatagtg 276600
 cccctgcttt ttctgtttt ccatttttgt ggcagatttt tctcattccc tttactttga 276660
 gcctatgtgt gccattgcat gtgagatggg tcttttgaag acagcatata gttgggcctt 276720
 gcttctttat ccaactcgac acagtgcctt ttaattgtgg catttggtct gtttacattc 276780
 aaggttaata ttgatattgt tggacttgat cctgtcgtca tgttattagc tggggttatt 276840

E1
 unk.

E'
Wx.

atatagactt	gattgtgtag	ttgttttata	gtgtcaacgg	tctatgtatt	taagtgtgct	276900
tttgtggtag	ttggttaactg	tctttccctt	tcatattttag	cactccctaa	aggacctttt	276960
gtaagggtggg	tctgatggta	atgaatttcc	ttagaatttg	cttgtcttaa	aaggactctca	277020
gggttttttg	ttgttgttgt	gtttttgttt	tttgttctat	gaagcttagt	tggctgggta	277080
tgaaattctt	gattggaatt	ttgtttcttt	aaaaatgctg	gatataggcc	ccctatgtct	277140
tctggcttgt	agaatttctg	ttgagaggtc	tgccatttagc	ctgatggggg	tcccttcgta	277200
ggtgacctgt	cccttctctc	tagctgcctt	tagcattttt	tctttcattt	tgaccttgga	277260
gaatctgagg	actgtgtctt	ggggatgtct	atctttgtat	agtatctcac	aagggttctc	277320
tgcacttctt	gattttgaat	attggcctct	ctagcaagggt	ggggaaaatt	tttatagaca	277380
atatccttaa	atatatgttc	caaattgctt	gctttctctc	cctctcttta	agagatgccca	277440
gtgagtcata	gatttgggtc	ctttacataa	ttcttgcttt	ctgtccctct	ctttcacata	277500
taccagtgag	tcatagattt	ggtctcttta	cataattcca	tatttttgga	ggttcattct	277560
tttttatcct	tttttcttta	tttttgtctg	agttaatttg	gagaaccagc	atttgagctt	277620
tgaaattttt	tccacagctt	ggtctattct	ggtattacta	tttgcaattg	tattatgaaa	277680
ttctggaagt	gagtttttca	gctctatcag	atcagtttgg	tcctttctta	aaatggccat	277740
ttcatatttc	agttcctgta	ttgttttatt	gtattcctta	gatttcttgg	attgggtttt	277800
gactttctcc	tgaatctcaa	tgatcttttc	tatccatatt	ctgaattcta	cgtctgtcat	277860
ttcagccaag	ttaagaatca	ttgctgggga	acttgtgcag	ttatttgagg	gtaagaagac	277920
actctgactt	tttgagttgc	cagagtctct	gtgctgggtc	tttctcatat	ttgtgggctg	277980
atgttccctc	aatctttgaa	gttgctttct	tgtggatggg	ttttttgctt	ttatcgtctt	278040
tgatgccctt	gggagtttga	ttgtggtaca	gggtgggttc	aggcatctgg	ctttgtttat	278100
ggaataagct	gagctgtgtg	ctctaactct	agaggctggg	accagtgcct	gagctttgtt	278160
ctctggaccc	ttgaggttag	gaacctgctg	cactaggggg	gtgttgaggt	gttcccgggtc	278220
tgctagccac	aacatgccaa	tagttggtgc	tggccaaaaga	gttctgttgg	ggcaatggca	278280
gtgggatctg	tgttcacgcg	cacatgccat	cagctgagac	atagtcatgg	ggtatacatg	278340
tgtcagctgg	ggtggagcac	cattgggaat	ggagtgatgg	cattcctgca	cccactcgtg	278400
ctggtggcag	tgatggcatg	gctgggtggg	gtgcaagcag	gggtgggggt	gccagcattt	278460
gtgtgtgtgc	ttgtgctggg	ggcagcaggg	gagggatttc	caacatctgt	gcatgcattt	278520
gtggtggcag	catggtgggg	tgcccacaca	ttggtggagg	gggcagtggg	gtacgtcac	278580
accagcagaa	gcagtgctat	ggtgtgtgca	ctggcggggg	agggagggaa	ggtctgtcta	278640
cacatgcatg	gcagccaaac	aattgttaaga	aggtcattgg	tgagtgcgtg	ctaacaaaac	278700
ggcaaaggga	agcttcaggt	gagctggtgt	gttttggcag	gggcaggtct	gctggagtct	278760
tccaacagtc	aactgtggcc	tgctggtgaa	agagctatga	tgagggcctc	tgggaaatat	278820
cctggttggg	catccaaggc	tgactgcta	gcaggcatgg	tgagggtggg	gccccaggag	278880
aagccagcag	acacaggagt	gctcagattg	gactggcccc	attccacagg	caagattgcc	278940
ctgctctgcc	taggtccaac	agtctcccta	aggttaaagt	ctcctaaagg	agcatggtga	279000
gccttggggg	attggcatgt	cttgtccctg	gctccactgc	agatgtttct	acaccaaacc	279060
ctcttggctc	tgcacaggct	ggaatctcac	cccgctccacc	tctctgaaca	gttctccctg	279120
ccagctcaag	tgtcctttga	gatcttgggg	tctcctgctg	ctagaattcc	agaggttgat	279180
ggcaagagtg	ggccattcct	cacctattca	actcaccctt	tctcagagtc	actggggcta	279240
ggaatgagtc	ttggttcttg	acagccccac	gcagggtccc	cagcttcttc	cccttacagc	279300
taagcatctg	ggtcctccct	ctatccactc	tcaatgcctt	ctctccaaag	atctgcttgg	279360
agtgtcccat	tcttcccatg	gtccccgtct	cttgatggga	tatgttcttc	ttggctgtgt	279420
ctaggcagcc	attttggtt	gggcccctgt	tttttatctc	tagcatttct	ttttggttct	279480
gtcttaggat	ttaagaaatc	ctaagatttc	ttatgaaatg	tggttcttct	ttaggattta	279540
agaaatccta	agatttctgc	ttatgttgcc	catctttttg	tacatgctat	ctactttatc	279600
cattagagtt	agcataatca	tagttgtttt	aaattcccag	tctgataatt	tcaacatccc	279660
tgcttctgtc	tgttctggta	ctttgtctct	tcaaagtgtg	ttttttacct	tttaatatgt	279720
cttataaatt	ttgttttgat	aaccaaacat	gttactactga	gtaaaaactc	tgctgtaaat	279780
gggccttttag	taatgttgca	gtaagtgtag	ggggaggaga	agcattctac	actcctagga	279840
ataagttctc	tgctttttaa	tgtgtctgtg	cctctggctg	tgaactttgt	aagcctttct	279900
cagttctcag	tttctcaggg	gcaagatggc	taaagtgggc	tatagttggg	gtatttccct	279960
tctctcatgt	tgagtgggct	agagctggtt	atttttcttc	ttccacatgg	aaggctagaa	280020
ctaactggag	ttggacattt	tctttcacct	gggccagtta	ggctctgatt	agtagattag	280080
gctctggtta	actaacttct	cctaagagca	aggcttgcta	agaagaacag	agcgactga	280140
catagttcaa	aatggttcct	tctcttttcc	ccctactgga	agcatggaga	gctgtttctc	280200
ccatatttac	tgggataaca	tagtcaagct	cctggaggta	tatctcactc	aattatgggg	280260

accctgtata actggggttta cctggagcct ttaactttct gatttgtcca cactgagcct 280320
 ccaggaattc atcagtttaca gttcatgttt tcctacccca gcactgggcc ccgcaatggg 280380
 ttctacttgt gaggtttctc tggtaagcca tgactccatg gatttgcctg cctgtgtctc 280440
 caatcttggg ggcagagggt tgccctgtgt cctcacctct ctaatggatc ctaaaagagt 280500
 tgttgatttt tttaaaactc tgttcagcct tttacttatt aggagggagt gatgccttct 280560
 aagtgacttt catggaaaaat gagaaactag aagtcctcca cctttcttcg taccctgtac 280620
 ctctattttt gggattaaaa atagcctccc aagttatatc aactttcaag aaatataaac 280680
 caaacctca ataaacaagt gttactcctt gttgccttca gtatccttta ctgagccact 280740
 gcgtttgcag agaatagtgc ttactgctat aaagtggaga gagaaataga atagtctttg 280800
 cctttgagag actgaaagtc tatttcattt gaaaatata tttgtcccga actctttgtc 280860
 aaaaggattt gaaaatcaag ttgccagttg atgcataatg gtagcacatt ttgctgagca 280920
 gggcttaact cattagagtt atctgagaga catttattta atcccccttt acataaaaatg 280980
 caatatatag taaggctaata acaaaagtaa tatctataga aagtgaagat caaagggag 281040
 gtgaggaagt cagtgtgctg accatagttg ttgtgtgaat atatagtttg agcttccagg 281100
 aagccaggtc aaaaagggaa aacatgatac aattcctagt tctcattatc aagaatgcaa 281160
 atgtgctgcc agttcttcag ggaagacaga gcttatcatg tgatgtttta tatagagcat 281220
 cttgagcaca gcaatctctt caatagttct gcatgaactg cagtgtgaat tttgtaaaag 281280
 cggtttcttt ggtgacaaaa agctgttcta taatgaacta aactatgtag ccttccaagg 281340
 gtctaacggt attcagtggt aaaatttcaa gtacctagag aatttataat ctgttggttt 281400
 taattaaaaa taaatgtttg cttctcactt tttaaaaatta aaaatatgtg acacttgaag 281460
 aaggaaaaat aactgaaggc agattttgat ttaaatcttc agaggaataa atgacaggaa 281520
 tgcccttggt tgatttgatg agtatgcttc tctactgtca tgcattaat aactgtgttt 281580
 tgactttcta tttttatggt cactctttaa tcaaggagtg ttaaagcaca attactatta 281640
 ttgatattct aagaaaggca agatgcagaa tagcatccat tagtaactca acatggagcc 281700
 tcatcagtc ttagtaagg gttctgctgg gttggtttgc ctattcttta ggcagtagaa 281760
 tcttaccat aatagtcaag aaagtcttaa tacaataaaa cagttcttaa ctcagaattg 281820
 tctaaagcag ctcaaggatt tgttgtgtgt aatcaacttt acactctggc atgagaataa 281880
 tttatgaatg caaaaataga taaaaacaaa ttctgatggc taagtgaatg ggggcagagg 281940
 acaagagtaa gtgaacacaa taaatttaca cccctgtctt taagaattag gaattaccct 282000
 ctactgtat gacttctccc atctggctta catttttctc ttctttatat ggtacacatt 282060
 ttgttgatgg tcttctgcatt gtcccattct actctgaact aggataatct attctttgta 282120
 acagagtcct tttataattt gcaaaagttt atacacgcac ctgaggattc tcaagactca 282180
 atttaagtgt aattgccatt ggatgatttc tataacctgt gcatcatcta acgcagctgt 282240
 ccctgacttt ttgacacca ggaactggtt ttgtggaaga caatttttcc aaggattggg 282300
 tgggggtagg gtgggggatg gtttcaggat gaaattgttc tatctcagac caccaggtat 282360
 tagttagaat ctcataagga gcacgcaacc tagatccctt gcataatgcag ttcaccacag 282420
 agtttggtgt cctatgagaa tctaattgct ccactggttt gacaggaggc agagctcagg 282480
 tggtaatgct ctctcacctg ctgctcacct cctgctgtgt ggcccggttc ctaacaggcc 282540
 atggactggt actggccgc ggcctaaggg ttggggaccc ctgctcgaac gcactagggtg 282600
 aaatgcttgg tgttacttaa tccccccaga atgctttctg ctggttgttt ggctgtatc 282660
 actctctaac tttgggattc ttgttgtctg tgtaagtgtt ctaactgctg tggctctggg 282720
 aaaggcattt taaaattcat ttttcacata ctctttccta attgaatctt tgggggaaga 282780
 aacaaagcaa cataagctgg gctctggcat tattatttgg attgttaaaa aaagtaatca 282840
 ttggcataga gtcatttctt agttgaaatc cagggtaaaa tggatctct actgtcagaa 282900
 gcatatatgt cttaaaacaa cctcctctcc tctacttgc agtagctcag gaagatgttc 282960
 tcattaaaca caagtcccaa acagtgatgt ttcatatcgt ctcaaaatta caccaagatt 283020
 ctttatgaac tggaaacatc ggttacaaga aaaatgcttt ctattttttt ttttgacaat 283080
 attatctgcc gaagtggag aatggatgtt gagtaaatga aggaagtggg tcttttgcca 283140
 gacagcctga agaattctat aaataaaaact acccttttgt tcagaaataa gagggtaaaa 283200
 cattttattt taaaaggcac ttgagctcag gagcttgaga tcaacctaga cagcatagca 283260
 agagtcattc ttactaaaaa ttaaaaagac aaattaatca agcttggtgg cacatgcctg 283320
 tagtcccagc tactcaggag gctgaggcag gaggatcggt tgagcttgag agagtgaagc 283380
 tgcagtaagc tatgatcatg ccactgcact ccagcctggg tgagagaatg agaccatgtt 283440
 taaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaacaa cctgtagata tgattacatg 283500
 atttccttat tgcatttttc tatcgaaaaa aaagacacat gatttagaca ggattcattg 283560
 gttcactgcc gattccccag cacaaagttc agtgctcaat aaatagctgt tgggtgagtg 283620
 aatagatgaa tgaatgaaat atgaggtcat aaaaagtatt tattctctat tgtacccttg 283680

agtctccaaa agtttgctca ctaatttatg ataattcaga tatttgatta tcctaaatgg 283740
 attgtgatta ggcttaagaa aaatgggttc tagggacagt tttcaggtgc ccataggttt 283800
 gttttctctg gacaagatgc aaggctccag tgaggaactg ggttttaatg tgatgattaa 283860
 tacgaggtga ttacaggaga tacctcatag acctcaaaga ctaattttca ggattagatg 283920
 cgagatattt tgtagacaac ttcactgatg aacgacttag ctattatctt ctaaagattt 283980
 ttatttttaa aatcccttgc atctcaattt ttcttctttg tttcttactt ttactttata 284040
 catgacagat atactttcaa actttaaagt gaaaagcgat gtcagaggtg ctgatattca 284100
 caccttttga gtgtcagctg cagggagatg tgtttcttgg ctgcttctaa aacatctgca 284160
 gaaaaaaaaat acagtgtgta tctgcacaga agaatgacaa atgcaggaaa agacaggagt 284220
 cacacagcaa cattaatgca gcaccttagg cagtttgcat caccagact gtgccctaaa 284280
 atgaaggtgt ttcatttttt aagctgttgt tgtcaatacc cttgacggga tgtctgaaaa 284340
 tatgcagcct agtaattgct tctagctcca cagcatgagc atcatagacc tccttcctaa 284400
 gccatggtta ggagagaagg aaatatctat tgacctgat agctattttc ccctctcata 284460
 actccctgtg ggattagtgg ggttcctggg atccctcatc ctttgcttaa gtaaatatgt 284520
 acagaattat atcagcttta ggagatttag aagccctgca ctttttttca aaaagttttt 284580
 aaaccgatgc ataattttta tacatatatta tgggatacat gtgatatttt gttacctgca 284640
 ttgagtgtgt aataagtcag ggtatttagg atatccatga cctagagcat ttatcatttc 284700
 tatgtgttgg gaacatttca agtcctctct tgtagctatt ttgaaatata caatacattg 284760
 tggttaacta tagtcacct actctgctgt caaacatcag aacttactcc ttctatctac 284820
 ctgtatatatt gtatccatta accaaccctt gttcaccccc ctcaaccca cacaagaaag 284880
 cccaagactt ttaaatacact tctgtgactt actagtcttg tagctttggg caaattgcct 284940
 aagttttctg ggcttctctt tctgtctcca ttaaattgtaa aagatcatta atgctgccta 285000
 ctctcattgg tttattatga accttgaatt aaatgcaaca aagcaaatag aagcaccttg 285060
 ttgtattctg tgggtgttggc ttaatatattgc tgagtgaata atggttagaaa catggatgat 285120
 tgtggaagag cagaagtgtt acagagtgtg ctaaggcagc tgacgtttgc cgcttggaag 285180
 tgagacttga gagcagcact gaaaggaata tgtttgaaga gtatagttct tgcaaataatt 285240
 tgttgtatgc aaatcagtaa aatctagtga taaacatccc agagaagata aagatttagc 285300
 aaaaattgta aaccactgtc tgttgtttta gagagctgct gaaaaattca atggaagccc 285360
 acaaagtcta gagatatttg aatttatatt tgatttgaaa taactgggtg ggtaacgtat 285420
 cttaggaaaa tgttagaacc tgccatagtt accaggtata tatagaaaag ctcggaaggc 285480
 aaccaggcca cagtcaccca agaagacatg ggttttgtcc ataaaatttg aattgtccaa 285540
 gagagggcat gtaaagccaa aatggggaag ggtggagtgt gatgaggatg tgtcattgcc 285600
 ctgagatgtt aggagcacgg ttctttaagt cagggagact tggactccga tttttcttgc 285660
 cactaaacaa ttttatgata ttgggcaggt tgctttacct cttcaagggt taatttagtc 285720
 atctataaaa tgtggataac aatgcctgct ttccagggtt gaaataatta gataacacgt 285780
 taagtgatta gcataatgga ctcatggaaa gccatgacct tggggcaatg ggggagttag 285840
 ggtgggataa tcattgtaga catgagccca ttttacagat gaaacaagta tcttctaagc 285900
 ttcaacatat gtacagagaa gacctagaat ccaaatttcc tgagaactag tccaggcaat 285960
 ttatgtatag tgtgggtacc agggtagtg tgggtccag ggctccttcc tctgaggaat 286020
 ctattcatag cctgaatctg tttctttaga agacacttaa tatttattga atggctcagtc 286080
 aactcagcct cataattgta cttctacat ctgtaacaaa cagcacaaac tcaagttgat 286140
 ccctactaat ctagaatagg gccaagggtg attcagccaa gtttcagaac ccctaagatg 286200
 ctcatgagca cctgtttcag taatagttca aataggaagg ctaaaaatta gaggtaaggg 286260
 aagtagacaa aagttttttt aaaaactttt ttttagttca ggggtacatg tgcagctttg 286320
 ttatacaggt aaactcgtgt cgggggggtt gttgtgtaga ttatttcac accccaggta 286380
 ctaagcctac tacccaataa tagttatttt ttccactcct cttcctcctc ccaccctcca 286440
 cttctagta ggccccagcg tctgttgttc ccctctttgg gtccatgtgt tctcatcatt 286500
 tagcttccac ttacaagtga gaacatgtga catttggttt tctattactg tgttagttca 286560
 ctaaggatta tggcctccag ctccatctat attgctgcaa aggacatgat ctacttttt 286620
 acagctgcat agtattccat ggtgtatatg taccacattt tctttatcca ttctaccatt 286680
 gatcagcatt gaggttgatt ccatgtctgc tattgtaaat ggtgctgcag tgaatataca 286740
 catgcatgta tctttatgat agaattgatt atattccttt ggttacatac ccagtaatgg 286800
 tatcactggg tcgaatggta gttctatttt agctttttga ggaatctcca cactgctttc 286860
 cacaatgggt aaactaattt acctcccacc agcagtgtgt aagtgttctc ttttctctgc 286920
 aacctcacca ggatctgtta ttttttgact ttataatcac agccattctg actggtgtga 286980
 gatgctatct catgatgggt ttgatttgca tttctctaata gatccatgat cttgagtttt 287040
 ttttcatatg tttgttggcc acacgtatat cttcttctga aaagtaagac ataggaagtt 287100

ttcactatgt tatagacaga gcaacacatc tgaaaatggt catattacca tgtctccatg 287160
 caaaattttg ctgtttttaa ccaacacaaa caaaacaatc ttaggaattt tcaagaagg 287220
 gactttacaa caaacactgc ttttacaaca gtagcatttt agcgcaaagt tggaataaca 287280
 gttttgcccc acagggtttac atatgaacca agtagcattt caacattgtg cgttttcccta 287340
 acaataaatg aattggcaat ttttaaaact catttaaaag gttttcaagt taaggatat 287400
 ttacttttca gtacaatata ttgggaaata gatgtcagct gccaaactcaa taatgctggc 287460
 atttattctt gtaatgacat ctaattctct ttgttttaact ataccagta ttctgattgg 287520
 taatctccag attcttctcc agaaatatct cattgctttc ttccaattta tccatggaga 287580
 aaaagagtgt gtgtgtgtgt gtgtgtgtgt cttgcattaa ggaagtgtga gaatactgta 287640
 accacaattt tgcaccacgt tactgtttat cttctgtgct gttacagcat cgacagcagg 287700
 agctggagggt ggaaactcat ggaacaacca tcaagaatac tgtgttctct tgtgtcatt 287760
 tctgatgttc cacacaagga ccagggtgtt ccacctgtag ctgatttaat atcaaattgc 287820
 acaacaaatc ttttgagaaa atcctctatg cttagaatg ttacataattg aaaaggaatc 287880
 ctaccagcc attctcaact tgtcattcac catgacattc acagaaactg taggataagt 287940
 ctttttctct tccagctttc caatctctct ttagcacttc ctattggcag agcctacct 288000
 gtaggaagca gctggaaagc tataataggg ttggcagagc cttgggcaca acatcacaa 288060
 gtggcataca gaagagtggg cttggagctg agataatagc tgaaaaactg gcacaacttg 288120
 cctgccacc acacaccaa aacattcttg gagcatatca tgcttctgtg tttcttgctt 288180
 caccatgaaa cttgagcaat tcttcagca tcataggtgg aaaacagcct tgacttcagt 288240
 tgtcctggga caagcctttc taagctccca tactcatgtt tttaaaatat attttattac 288300
 attattcact cattattcaa tgccaaatat agcagacaaa caagcttcaa gttaaatagt 288360
 ttaaaaagca acaacaaat aacttataaa ttatcttaag ggatggaaat tactgaggag 288420
 cttattatat tttatttcac ttctttttta ttgtacatat ttaaggata caacatgatg 288480
 ttttgataca tgtaccttga tatacacata cgtagtgaag taattactgt agtcaagcaa 288540
 attaacatat ccatcatctc atatagtttc tttgtgtgta tgtaataaaa gtacctaaaa 288600
 tatactatct tggcaatta ccagtataca atatttctga ctctagtctt catgttgat 288660
 attacatct tagactattc atcctacctg caactgtgta tgctttgact tacatcttcc 288720
 catttaatcc ctcccccaa cagccaccat tctattctct gtttctatgt gctgtatgca 288780
 atctgttttc tttttttaga ttccgatcat gcagattttt tctttctgtg tctggcttat 288840
 ttcacttagc acaatgtcct ctaagttcat ccacgctgtc acaagtggca ggatctctc 288900
 tttttaagc tgaataatat tcctgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtattcat 288960
 ccatcagtaa acacaggttg tttctatata ttgccatgct tctttttttt ttttcttcaa 289020
 cttttaagtt ccggggtaca tgtgcaggat gtgcaggttt gttacacagg taaacatgtg 289080
 ccatggtggt ttgctgcaca gatcatcca tcatccagg attaaagcca gcatccatta 289140
 gttatttttc ctgatgctat cctccccca ccaacccccg acaggcccca gtgtgtgttg 289200
 ttccaccct gtgtccatgt attctcatta ttccgcttcc acttgtaagt gagaacatgt 289260
 ggtgtttggt tttctgttcc tgtgttagtt tgctgaggat aatagcttcc aactccattc 289320
 atatccctgc aaaggacatg atttcattcc ttcttatggc tgcatagtat tccatggtgt 289380
 atatttacca cattttcttt atccagtctg ttattgatgg tatgctttta ttttttagt 289440
 tatcagtaca aaggcataaa tatttttatg gctttctata tatggatata caaagaaaat 289500
 tctcaaaagg ctatttgttt tgtttcatac accaggtaga cagacagtag ttctgtggtt 289560
 actataaaca tatgattcaa acagcctaatt tttctgaaaa aggaaaaaaa cattatgcct 289620
 atcttatttt ctacttaaac agaacttttt atttcaaata aaagcatgaa tcaagcataa 289680
 aacaacctaa ttgctaatac ctgtatttta aaattatcct taattagaga aaaatctaaa 289740
 gtgaatactg ccatattaga aacttttctt gtgtgtcctt aatttgatc tgtcactcat 289800
 aaagctaacc ctgcatgcct gttccccctc ccagctttag agaaacacac agttttactc 289860
 acattgaacc tatttctcga atgcaagtgc catcatccta ggcattgacac agaaggta 289920
 tttaacagct tcaactgggtg acaaagtctt taagacctgt gctattctga gtgttgtcct 289980
 tttgattata ttttgtaaat gagaatatat gcattaacta gttttcttaa ggctccaagc 290040
 ctgagctcct gctgtatttt tgattatgtg tgtttttgct tttttgtttt tctttgtttt 290100
 tgcttttttt gttgatactt taaaaacagt atctttatgt catcctgtcc ttagatggaa 290160
 actgagagag ggaaaacctg ggcatgccag catccaacac tgtctggctt agatcagaga 290220
 ggaagaaaat attcctctca acttcagctt gcgagttttt tgaagttagc atttgtactt 290280
 tccttgattt gcaaaaactg atggtaaaga aactattaca caggaagaat taaatataaa 290340
 agcacctggt tccaaagcat ataggaacaa tcctaacttt gctggaatgt aacacttcaa 290400
 aaactatttc agtggaacat ggagagttaa tagaggagct taaaaatggc ttaaaatttc 290460
 aatgaaagt tgagatgctt gcaagcttgg actcaaaacta ttttaatgct gggcctttag 290520

E1
 canx.

gcaataat ttt cctttttt gtt catctcatcc aatatagaaa ataatggggt gaggttcca 290580
tctaccagc tgcagttt gt gggcaccctc aggactgaag ctaaggcaag caattgccac 290640
ttaaacctag gacagtgtca gcagcaccag atattatgtg aatcaaggaa atgttgaagg 290700
actctgtgac agagcttttag agatgaaacg aataaaat ttt gacctgattc ctcaataagg 290760
gttcctgcca gagtgaaaaa ctaagcattg gtatgagtg c agcagctgtt tggctcctgg 290820
gctggtttca gcacagggtg caactgatgg gtgaagcagt agtgatacac tgctcccact 290880
cattgctttc atcccccttg tacattttcca ggagnnnnnn nnnnnnnnnn nnnnnnnnnn 290940
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 291000
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 291060
nnnnnnnnnn nnnnnnnnaga aagaaatgca gaatcttagg ccctactgca gacctcattt 291120
ttaaacaagt tccccagatg agaaaatcat atccaaactg tccgtcctcc tcagtatgtc 291180
tgacttgctc cactctgcag atttccatgt attcccaaca gtctgcttcc aacttaagcc 291240
catttctctg tttcttcaga ttcttctactg tcttctcagtc taatttttcc tctatctctt 291300
ctcccattag ataaaaatct aaggtagaat gatgggaaa gaggaggaa gaggggaaa 291360
aggggaagtaa ggaaagaaaa attgaaggaa ggtgaaggag aagaaggagt ggggaaggag 291420
atagggaagg agggagaaaa acctacttca gttgtgccat agtatcattg gcgttcttga 291480
gctctat tttc aatcccaaac aaatacataa acacaaatat atccattca ttatttccat 291540
tttaaaatga agcagttact ttcatacaga agagaatgtt aattagtgtg ataatttgga 291600
gagcaatttg gcaacgtctg ttcaaatttt ttaagtga aa attctcttta attcagcaaa 291660
tttcagaatt tatgtctatat aaatacttgt ataaatgcac aaaaacatat atcaaaggta 291720
tatacttaca gaattttttt aataacaaaa agctataaat agcctaaaag tatcaataag 291780
agttgttttg gaaagtcaac atatatctct gcaaatgcac actgtcctgg cattaaaaag 291840
aagtgaagaa gatctgcaca cgcttggtgtg gtgagctctc tagagtatat t gtttaaccga 291900
gaaaaggaag atgcagaaca ataggcatat atgatctcat ccatatgtca ttgttttagta 291960
tgctgtgtga catgtgtata tatatatata tatattttata aaacagttga taattttata 292020
tatttatatc caatggcata ttctatagcc attacaaaaa ctatttttgt agaaatttga 292080
ataacttagg acatttctgg tgatgtaatg ctaattgaac taatgtaagc aggacattaa 292140
tatcattttt tatttttgac ccacctttct tgagcatttt ccaatatgat taaatatctc 292200
aaaaacatca ttaatttctc tataataataa ttgtgtactc ttgggttttt gggttgtttt 292260
cagttttata actcatatat aatggtgaca taaacttttt ttacctaatt gctattttca 292320
aatttcagac taagataaat atcttgtaat tactagtcca tagatgtgac cttttattat 292380
aattactagt tcacaggatt cttacttatt gccaaattga tttccatact ccacaaagat 292440
ttttaataata atcaattttt tctaattgtga cttgttatta aaagtcattt atttaacaaa 292500
cttttacatt tgaaagaaaa tacttattaa tgcctactgt gtgctaagct cccttggcac 292560
tcactaggca catcattaca aataagcatg attcctactt tactactcaa agtgtgat 292620
tgggctggtg tgggaaaaaac agacattgaa acacacaatt acactgtgat gcagttcagg 292680
ctgtcataga attatgcca gagtgccata gagactcagc atgcttatag tatgattgta 292740
ataattaacc aaaaagggac tactttgctt tgaaatattc aaatactctc ccaccttcca 292800
actagagtgg tggtaacttg gtggtgggtc tgtaggggaa atatcttctc ttcttactcc 292860
tatcagagtt tacctgactg tgacaaggaa gtgaaaaaga aacttgccct aatttttgtt 292920
gtcaaaagtct agcaccattt atatctacct ttctttcaca catgcaaaaa ataaatctcc 292980
ttcaaggaca catacattca tcctgaatct ataactgaac cttactttct aatacactat 293040
tctttatggt ggcttagaat acaaagatgg ttatctagcc tctgaaaaa ttttttttta 293100
atttcataaa aacaagtctc caagtataat aaacaatgca gcctccagaa acagcacttt 293160
ctattttttc aatatttctt gtcaagaaat tctaaactaa aatattctaa ttaattctga 293220
ctgtatgaaa ttgcccataat ttgacttggt ttttaacctgt aaaaatggca attccatata 293280
gctcaacata aaacctgtga tttaattctt ttttttctc ccaggattg cccatatgtt 293340
agatcttatc aaaactgttt tacaacaaat aatttctgca gtaccttccc cagatacaaa 293400
gaaaataaaa gaaaaattaa attattaaca caggtttatg cttggtgtc actttctagt 293460
cagatcatca gtaaaataaa attagaatgt agtagtacc aaattaaaga gaaaatggtt 293520
tctgtcttag ttaagcaaag aaaattctag ccaatgcaga attagaagtc aggagtaa 293580
gtggacaagg agatccagca aactaccaa caaactgtga ttcataatct ccatctcatg 293640
caaggctggt gttctcctct taagacatag aacagtagac taattaatat taacaatgtg 293700
ttaaaaatca aaactattat taatgcaaat ctgtcctcca gagatgggga agaggaggga 293760
gagagagaga gagagagaag gaaagacagc tgtagcctga aattgatggt aactccttct 293820
acagtacctt taccagattt aaactcatat tgtaaaaaag aaagcttagt atttcagtag 293880
aggatgctgt atgggaaaca atgcctccca gcttagaaaag ctggcctgat cctataagaa 293940

tgtcagaatt	ctatgtcaat	gctagttcat	aaggcaatcc	catttacaat	agcgagacaa	294000
aaaataaaat	acctgggaat	atatctaaca	gaggagggtga	aatatctcta	cagagagAAC	294060
tacaaaacac	tgctaagaaa	tcatagatga	cacaaacaaa	tacaaaaaca	ttccatattc	294120
atgaattggg	agaatcaata	ttgttaaaat	ggcaatacta	cccaaagcaa	tctacagatt	294180
caatgctatt	gctatcaaat	gaccaacaga	atTTTTTcac	aaaattagga	aaaaactatt	294240
ataaaattca	cattgaacta	aaaaagagcc	caaataGCCA	aagcaatcct	aagcaaaaag	294300
aacaaagctg	gaggcatcac	attacccggc	ttcaaactgt	actataaggc	tacagtaacc	294360
aaaacagcat	gatactggta	caaaaacaga	cacatagacc	aatggaacag	aatagagAAC	294420
ccagaaataa	gcctcacacc	tacagctgtc	taatTTTTga	caaagtcttc	caaaaaataag	294480
caatggggaa	aggactccct	attcaataaa	tggtgctggg	atagctggct	agccataggc	294540
agaagaataa	aacaggatcc	ctacctTTTT	ccatatataa	aaattaacta	aagatggatt	294600
aaagatttaa	atgtaagacc	tcaaactgta	agaattctag	aagaaaacct	aggaaacacc	294660
attctggaca	tcagccttgg	gaaataatat	atgaataagt	tctcaaaagc	aattccaaca	294720
caagcaaaaa	ctggacaagt	ggaacctaat	taaataaaaa	agcttctgca	cagccaaaga	294780
aactatcaac	agatgaaaca	gacaacctac	agaatgggag	aaaatatttg	caaaactatgt	294840
aataaaggtc	tagtatccag	aatctTTtaag	gagctTaaat	aatTaagcaa	aaaacccaat	294900
aacccccattt	aaaaaatggg	caagacatgg	acacctctga	aaagaagaca	tacaagtggc	294960
caagaaacat	gaaaacatgc	tcaacatcac	taaatatcag	agaaatggaa	atcaaaaacca	295020
caatgagata	ccatctcaca	tcagtcagaa	tggtctattat	caaaaaatca	aaaaacaaca	295080
gatgctagt	aggctgcaga	gaaaagctaa	ggtttataca	ctgttggtgg	gaatgtaaat	295140
tagttcagcc	actgtggaaa	gcagcttgga	gatttcttaa	agaatttaaa	acaggaatac	295200
catttgacct	agcaatccca	ttactgagta	tatatctaaa	agaaaacaaa	gtgttcaacc	295260
aaaaagacac	atgcacatgt	atgttcatcg	cagcactatt	cacaatagca	aagacatgga	295320
atcaacctag	gtgctcatca	gtgggggact	ggataaagaa	aatgtggtaa	atatacacca	295380
tggaatatgc	tgcagccata	aaaaagaatg	taatcatgtc	ctttgcagca	acatggatgc	295440
agctggagac	cattattcta	agcaaatat	tgtaggaaca	gaaaccagat	accacatggt	295500
gtcacttata	ggcaatgaag	accactagag	gagggaggaa	gagaagggga	aagtgttgaa	295560
aaactgttga	gtactatgct	tgctatctgg	gtgatcgggc	cattcatatc	ccaaacctca	295620
gcatcacaca	atatacagta	tacccatgta	acaaacctgc	acatgtatgc	atgcccccaa	295680
atctaaaata	aagttgcaat	tatatTTTT	aaaagctagt	tcatagtTgt	aactactttc	295740
tagagtcttg	ctactataaa	tgtaatcact	gctcaacatc	actaatcatc	agagaaatgc	295800
aaaccagagc	ctgtgtttct	cgaactctaa	tgtgtatatg	aagaacttgg	ggtctcatta	295860
aatgcagatt	gtgattagta	ggtctgagga	ggggtgagag	attctgcatg	tctaagcagc	295920
tcacatgtga	tgcaatgctg	ctggtgggat	cacgtttcct	tgaggcttca	gcagagcatc	295980
cttgtgatgg	ccttggctcc	tcttttctaa	attgtcagtc	tgaccctgtg	ggtcacatac	296040
tgagcactga	tgaagaggcc	cccgtcctcc	ttcattgtcc	ttgtctcttc	cttgtttgaa	296100
tctttccttc	tgtaaaatgg	gattaacaaa	cccattgtaga	gagtccactg	aatggcagaa	296160
ccttagactt	tccagttaga	ggaaactttg	gagattatat	gatctaactt	gttccccctc	296220
cccctgcatc	acatcttatg	tctgaaagcc	catgcctgag	atcctactca	ctgagtgtgc	296280
agttgttatt	ctcatctcat	tccatcagac	ctaagaaagc	ttggcagaat	aagggcctct	296340
tgcaaagtgt	ttcaaatacg	tggaagtagc	taggacaaac	aaacaaacca	ttgctcaaaa	296400
atcactcagc	aaacccacc	ttaacgagga	atTTTctctt	ttggcttcag	aaagcaatta	296460
aaaaactcag	catttctagg	caaaaagctt	tagcagttcc	cctcttgTtc	tttctcacca	296520
cagcaggtgc	taaagcacag	ctcagctctg	attcatccct	tctgtcaaga	gcaggtgtca	296580
gcctcaatta	ttgttttgca	aattcatttc	agtcaattaa	tgcaatttct	gtaaaatgag	296640
gtatcgattc	cccaatctca	gctgtttttc	ctgaagccta	tactaccttg	gccttcctgg	296700
tctcttttcta	tctatctcca	ttctacctgt	ctccttcccc	catcttcttc	tctttctgga	296760
atgcatgtca	catttccggc	cagtgttcta	taataaaacc	atTTgtagtt	gccaaaggag	296820
aggcataata	aaggcattgt	atgaatatgt	ttgaatgaga	aattcgtgaa	aatcaatttt	296880
tatttatggg	gaaacactta	acttgatag	aatatgatat	aaatcaaag	taactatgcc	296940
tctggaggca	ctatgaaaaa	gggagtgttc	tagtttcatg	aatttgcttt	tgttctgtgt	297000
atattgctgt	agcaccattt	ttaaagtcct	cttcttaatg	agtgtctcta	gccagtaaag	297060
ttcacacctc	atgtgtgtga	agacaattta	ttgtgcaaac	caaggcactt	ttgagagtag	297120
attgggcagc	cattgggttat	tgtgcttctg	tgtcaggcat	gcactgggac	tgtctcagta	297180
aacggctaca	catggccatc	ctaattacag	gcagtttggg	atgaaggact	cagtgcagat	297240
gtgggtattgg	gaggtgaatc	tgttgaagaa	aaaaagcatg	aaacataatt	aaacaggcaa	297300
ggaaggcttt	attcaagact	actgcagcag	gggagagatt	aatcttgact	ctggttgagc	297360

E1
cont.

cagggacagc tggggattta tggccaatgg gcatggcgaa ggggtcagtg gataggaaat 297420
 tactaagaga atttggttag gtattaaggg tcgggggatt cttgctgagc tgggctctgc 297480
 cggccaggac caggcctagt caagaagagg cctcagagga acatgattaa ggtttggtca 297540
 aggaaagagt ccttggtgaa actcaccaa tgaaatgcag attttaaaat tcactcttaa 297600
 ctaaggaagc tgaatagttt ccagtcagt ggaactcatc cttgctctga gaaattcttc 297660
 caactttatg ctctattttc tcctttgtga tttttaaaaa attgtccttt gtaaactctag 297720
 ttattctagt tatgcttggt aaagaaatct attttatctt ctgatctttg cttctacttc 297780
 agtaaagctg tggtgaaatt gactcttcaa aaatgaaaaa aagtgtggct tgaattgata 297840
 aaggaagcac aattgtaatt cattcaggaa ggacttcac aagtgggcta tgtttcatgg 297900
 cacattgttt agtgaggctt agagaacaga agggaaagca aggggcttat ttttatgggt 297960
 tgtacacatg tccatcacag tggaggctca atgaaggtat ctgcttcccc cgatagccca 298020
 gtgctcacta ctagacaact ccttccccct ctgagcattg gttttcttgt ccataaaaatg 298080
 aagggtgttcg attaggtgag ctcttggtga ccttacaggg atttaaaaaa attctgtaat 298140
 tctgattttt aaaattactc tgtccctctc tggattgtgc tccaatatta taaaatatcc 298200
 tcttagggcc attctaagg attgaatatg agcaatggta aatcaatctg aaaataatga 298260
 cttaatgtag aacctgtgtc tgaaaagctc agtatatttt gtggtttatg atacaacaca 298320
 tccaaggaga tgtatgcaag aatgttccag cagattttatt aataaaaagca tgtgtgttg 298380
 gggaggggga tcagcagagg aatagcaaca acctgaaatg tacttcagca ggagaatgaa 298440
 tacagaaata atgatggaat gactcacagt gaaagtcagc tatagaatca aagggcataa 298500
 atttcaacaa ttttgagcaa aaacaagaaa taacttatac catttactta aagtgtaaag 298560
 acatacaaaa cagtactact actcatttct aaggggtaca tacttgtgta tatatagtaa 298620
 aagtattttt ttaattcttg gtggtgataa acaccaggct cagaatagag gtccctctg 298680
 cgggtgggaa gggagtatga tttgggaggg gaattcatgg agcttcagct gtatttgcta 298740
 atgttttatt tcttaactg ggagttagat atatatgtat tcaactgtatt atactttata 298800
 tcttttcata tgtcttaaaa tataacaacc ttatgataaa gttgggataa tcataaaaag 298860
 agattgcata catttgtttg caaattagga acagtcacca taatttagtg gtagcaaagc 298920
 taatgtgaat ttgaaatctt cttactacct gtctgcaat tacaatgtac aaacatcaaa 298980
 aaacaaaaca aaacttccag tgtacacact ggtgaaagaa ccactagtca gataccagtc 299040
 tcgagttggt actacttaat tgctattggt atttatttaa aatttatact gtgtgagaaa 299100
 agtgtttatg aaacataca gtttagctaaa aagttgtgat tggatgccag attgataaat 299160
 gagcagttta ctctgcaaat aagtgcacaa tcagctatga gctttcaggt ggtctagaca 299220
 acaagagaaa cctgcctact agtttcttag tagacaacct tatgataaag ttggaattgt 299280
 catgaaaaaga cattgcacac atttgtttgt ttgtagatta gaaacagaag ctctaatact 299340
 caactctcag taggagagct ggatttttct tggctctaaa ttttggggaa gaattaatca 299400
 caagaatcct tatgtaatgg gtactgaggc attttgagtg gtgcttctgt tgatttgctc 299460
 ttggctgcag ctcttgcta ttcattccatt tcacacagca ccagagtgta tcgtgctgta 299520
 acagaattca aatcatatca accctccaga ggcttcccat tgcacccatg gcaaagtcaa 299580
 gcccccttac ctgacctcca ggctccctgc tctgcctga ccatctcacc ttgtctctta 299640
 ccattcttct cctcttaatt aggtccacc caccacagtt ggtgactctt cttcagagct 299700
 tatgagagct gggcatatcc tcttctctca tttaggaatg cccttctccc aagtcttggc 299760
 ttgtatgact catctttatg attcaagttt ccattcaaat gacattctcg gtccccccc 299820
 tcaaagaggc ttttcttaat gagcaaaagt agcctcacca ccaccacct tactatccct 299880
 aaaccaagg caagaggggt gctctgggcc ctgtgctgta gaggggtacc ctccagccac 299940
 atcccttccc atgaagcac aagtcctatg agcaaagggg acttacacac ccagagcttg 300000
 cgtctctct gctaggtcat gctctgtgct gtggcttgaa tgtgacctt tcaaaattca 300060
 tatgaaaact taactctcat tgaggtagta ttaagagatg agattttggg aaagtgatta 300120
 agtcatgagg gcagagccct caggaatgga ttaatacctt taaaaagag gtctcagaga 300180
 gataattgcc cccttttgcc cgtctaagct ttcttcccct ccagaggaca cagcaaaaaa 300240
 gtgccatctt ggaagcagag ggagcagctc ccaccagaca gcaaactctg tagcaccttg 300300
 acctggacct tggacttccc agcctccaga actctgagaa ataaattcta atatttataa 300360
 attacctctt ccatagtatt taagcagcac aagcaaacta agatgccctg cttacctggg 300420
 attccacaag tctctgcca gatggccca agccatttc tacagtctgt gagcctctgc 300480
 cttggttccc tttgtctgta ttgtcagttt gcagaccctt ggaagccca aggggtgtca 300540
 cacagtggct gtttgagaa ggtatggata aatattagac ataagggctg cagtatcata 300600
 tgtgtacaag aacttctct caatgggagt tggagccagg ctgagaagag acgggcacag 300660
 gccaggagac agggatcagg gacccaagg ctggcttgca cagcccttc acatcccagt 300720
 gcagaactct gaggagtctg agaactctga gtgcaaactt gttcttccag gtgtttgaaa 300780

E1
 Conf.

E1
cont.

agttgatttg	tcaagctaag	agggtagatc	atatttttatt	aaacagtttg	ttagcttgat	300840
tcacactctt	tattttataca	tatgtggatc	tccattttata	ctcttgccgc	ctctcagaaa	300900
cgtagcagc	aggcctggct	tcctctgcat	ttgagtcact	ccagaagatg	gtgggtcaaa	300960
ttccagggcc	tggtgggttaa	aaaaaaaaaa	aaaaaaagg	gcgggggtctg	tgccaaatct	301020
cttttctgac	accacacctc	ttggggattc	cagactttct	tctcaaagtc	ctgttctcta	301080
ctctctctcc	tatttccctg	tttttatttt	gtagcactga	aaaaaatcta	aaattacctt	301140
atgtgtttac	ttgtttaata	tgaggtctgt	gaggtcagag	gcttgtggct	acatctgcag	301200
catgtggcac	atactaagtg	ctcattaaaa	atgtgcttat	agccaagcat	ggtgcctcat	301260
gcctgtactt	ctagtgattt	ggggggccag	catgagaaga	ctgcttgagg	ctaggagtgt	301320
gagaccagcc	tgggaaacat	agcaagacac	ccttgtctct	acagaatttt	ttttttaatg	301380
agctgggttg	tggtgggtga	ttcctgtagt	cccagctatt	ctacagactg	aggtgggagg	301440
atcacttaag	cctgggaggt	cgagggttgca	gctatgattg	caccactgca	ctccagccag	301500
ggtgacagag	caagaccctg	tttctaaaaa	taataataat	aaataaataa	ataaataatt	301560
gctgaatgtg	tcattgacag	aatattgttt	taaaaaat	gctaaatgaa	tgacttaggt	301620
gctattttgt	gccaggacta	tcgagggtac	aaagataact	cagaaagggtc	ctctgccttc	301680
aagggtcgcc	aagcctagtt	ggggagcaat	cttgaaaaca	acagtcttct	gccttttagtt	301740
ttacacttct	gacatcatta	atgaatctgg	aaacaaaaat	atatatgtag	ccattattgt	301800
agcacttccg	ggcagacaaa	caatttgcaa	ggtaaataag	ctgcagggaa	agggaaacat	301860
actttctggt	agtttctcta	aaggtttagg	gataagagag	cttttaaaact	tgatgaccca	301920
tcagaatggt	ggaaagtgtc	ttttctccct	ctccctgaag	ataaattgct	tgtttttcta	301980
ggagtggggg	aacatgttaa	acgttttctg	ctgttaaagct	aaaatactgt	ttagaacagg	302040
aggctaaaat	ctccttagct	gctgctgtct	gccttatttta	acttacatgg	cagacgggtgg	302100
catctgctga	acaacactgt	gttggtgtct	tatctcctcc	aaggagtga	gggactctgg	302160
agtcgtcctc	agaggactcc	atgggcagca	gggcagctgg	ggcttccagc	agctctgggc	302220
agacttcatt	ttcactccag	atggcctggg	tgtgcaaagt	gtgaaagaag	acaggcagaa	302280
acactgtccc	ttctgcatag	aatccctttt	taaaaattaa	ttaaggcttg	tgtctagtca	302340
cccagaaata	taagaggcca	tttttatcta	aagatgattg	tgcaggcccc	ataaagccaa	302400
tgcatgtgaa	ataatgatga	atatatcata	agaaaactgt	aaaactgtac	ttgtttggag	302460
ttttatcttg	aaaaacagca	gctaaaaacc	ataaaagtga	tttttagagt	tataaaatta	302520
ggctataact	ttactatgtg	ctaattctta	gaatactagg	gatgcatata	ttttttaata	302580
aaattgtatg	acatcaccat	attccttctc	atttgacttt	caagacatct	actcattcat	302640
ccaacaaata	tttattgact	aattactatg	caccaagcac	tgttctaggc	agtgggatca	302700
gtcaaaaaaa	aaaaaagaaa	atatttttctg	tgttttcatg	gaccttatat	tctaattgggt	302760
gataaatcat	aaaatattag	ggaaaagcag	atcatgctgg	aaagtagcaa	atactaagaa	302820
gaaaatacaa	aagcagagat	ggtgaataag	tagtacagaa	tattggtaaa	gactacagtt	302880
taaagagggt	ggtcagaata	tgtctctctg	agaagatgac	atgagggaaa	agatttgaa	302940
gtgatgagga	gagaaacata	tgaatatcca	gagaaagagc	attctagtta	gagggaaacat	303000
caagtgcata	tgtcctggag	caggatgtgc	ctaattgcgtt	caaagaagag	caaggagcca	303060
gtgcagccgg	aatggaggga	gtgaggggag	gaaggtaggc	aatctggaga	gatattgattg	303120
gatattgtat	accactggaa	agacctttac	tctgagatga	agagtccaat	agagttttga	303180
gcagggaagt	gaaagtaggc	ttaccgtggc	tgtgagctg	acaatagact	gtagagttagt	303240
gagggtagaa	gcaggaaacg	aatcgagtgg	ctcctgaaag	aatcaggtgg	gagacagagt	303300
agtagtgga	atggtgagaa	gtgttgggat	cctagtta	ttttaaaaat	ggagctgata	303360
gggcttacta	attgatctga	ttatgaaagg	aaactggacta	ctagaatgtg	agagaaagag	303420
aggaatcaaa	gataactcag	gtttttgacc	tgaaaaggaa	ctgagataaa	cagaaatggg	303480
gaagactgaa	tagtattaag	atatttttaga	gggaagagca	ggaatttgac	agggcacaa	303540
aattctaaga	ttattacctc	ctagacatcc	acacagaagt	gtcaagtagg	tagctgaata	303600
catgagtctg	gagtttagga	gagaagtgtc	aagtgcata	ttgagaacca	acagttaaag	303660
ggaggattta	aagtcattga	actagatgtc	ccaccttggg	agagaatgtg	gatagaggac	303720
agaagaagtc	tagggatcag	ggagatatgg	aggaacaagc	atagtcaa	cagagaagat	303780
cattttgggg	aaaatatttg	aggaccttgt	taagtttctt	ggagtcttct	tccaatttcc	303840
taaaatttaa	atcatcctat	ttgaagagtc	tgtcatcatt	gttactgatt	tttcagtttt	303900
ttggtgattg	acctaattgct	cagatccttt	cttatcaatg	acagcacaa	attccaacat	303960
ggttttcttc	acatagtcca	ttttgtgttg	ctgtaacaga	acaccacaat	ctgagtaatt	304020
tataaagaaa	ataaatttgt	ttctcacagt	tctggaggct	gggaagtcaa	atatcaaggt	304080
gccagcatct	ggtaagggcc	atcttgctac	atcatcccat	ggcagaagtc	ggaagggcaa	304140
gagagagggg	aaaagagaga	aggaaggggg	gggggcaaaa	tcattcctttt	atcaggaacc	304200

51
cont.

cactcctaca	ataactaacc	actcccataa	taacagcatt	aatccattca	taaggcagag	304260
ccctcaagac	caaattactt	cttacaggtc	ccacctctta	acactgctgc	aatgggaatt	304320
aagtttccaa	cacatgaacc	ttgggggaca	cattcatgca	ctatgtgaca	tcctgcatct	304380
gcaagttttg	cagtgccatt	ttaatgaagt	cagtttactt	tgcacttgca	ctttgtgttt	304440
accctgtcac	agctcaccgg	taacagaact	cttagtgtga	tggacagaga	tagaaactag	304500
cattcagcaa	agaggcagtt	ttcaggggtg	actaatttta	tacacaacca	tttatcagta	304560
gatattttta	agttctgatg	ctttaaaaa	ccttgtaa	ttgggggctt	gagtaatgaa	304620
tattagatga	taatgacctt	ccgggtatcc	attaaaccat	tagcaatgtc	tccagtttgt	304680
taagaattaa	tagatattaa	aaatcagaag	gagggcagcc	aagatggccg	aataggaaca	304740
gctctgggtc	acacctccca	gcgtgagcga	cgcagaatac	gggtgatttc	tgcatttcca	304800
tctgaggtac	caggttcac	tcactagggg	gtgccagaca	gtgggcgcag	gacagtgggt	304860
gcagcgacac	gtgcgtgagc	cgaagcaggg	cgagcaaggc	attgcctcac	tcgggaagcg	304920
caagggttca	ggtagttccc	tttctagtgc	aaagaaaggg	gtgacagacg	gcacctggaa	304980
aatcgggtca	ctcccaccct	aatactgcgc	ttttccgacg	ggcttaaaaa	acggtgcact	305040
aggagattat	atcccacaac	tggctcggag	ggctctacaa	ccacagagtc	tcgctgattg	305100
ctagcacagc	ggtctgagat	caaactgcaa	ggcggcagcg	aggctggggg	aggggcgcct	305160
gccattgccc	aggcttgctt	aggtaaacia	agcagccggg	aagcttgagc	tgggtggagc	305220
ccaccacagc	tcaaggaggc	ctgcctgcct	ctgtaggctc	cacctctggg	ggcagggcac	305280
agacaaacia	aaagacagca	gtaacctctg	cagaattaa	cgtcccggtc	tgacagcttt	305340
gaagagagca	gtggttctcc	cagcatgcag	ctggagatct	gagaacgggc	agactgcctc	305400
ctcaagtggg	tcccagaccc	ctgacccctg	agcaacctaa	ctgggaggca	ccccccagta	305460
ggggcacact	gacacctcac	atggccaggt	actcctctga	gacaaaactt	ccagagggaac	305520
gatcagacag	cagcattcgt	ggttcacgaa	aatccgctgt	tctgcagcca	ccgctgctgt	305580
taccagggca	aacaggggtc	ggagtggacc	tctagcaa	tccaacagac	ctgcagctga	305640
gggtcctgtc	tgtagaagg	aaaactaaca	aacagaaaag	acatccacac	caaaaaccca	305700
tctgtacata	accatcatca	aagacaaaaa	gtagataaaa	ccacaaaagat	ggggaaaaaa	305760
cgagcagaaa	aaactggaaa	ctctaaaaaa	cagagcgctt	ctcctcctcc	aaaggaacgc	305820
agttcctcac	cagcaacgga	acaaaagtgg	atggagaatg	actttgacga	gctgagagaa	305880
gaaggcttca	gatgatcaaa	atactccgag	ctacaggagg	aaattcaaac	caaaggcaaa	305940
gaagttgaaa	actttgaaaa	aaatttagac	gaatgtataa	ctagaataac	caatacagag	306000
aagtgcctaa	aggagctgat	ggagctgaaa	gccaaggctc	gagaactgcg	tgaagaatgc	306060
agaagcctca	ggagccgatg	caatcgactg	gaagaaaagg	tatcagtgat	ggaagactaa	306120
atgaatgaaa	cgaagcgaga	agggaagttt	agagaaaaaa	gaataaaaaag	aaatgaacia	306180
agcctccaag	aaatatggga	ctatgtgaaa	agaccaaata	tacgtctgat	tggtgtacct	306240
gaaagtgacg	gggagaatgg	aaccaagttg	gaaaacactc	tgcaggatat	tatccaagag	306300
aacttcccca	atctagcaag	gcaggccaac	cttcagattc	aggaaataca	gagaacacca	306360
caaagatact	cctcaagaa	agcaactcca	agacacataa	ttgtcagatt	caccaaagtt	306420
gaaatgaagg	aaaaaatggt	aagggcagcc	agagagaaa	gtcgggttac	ccacaaaagg	306480
aagcccatca	gactaccagc	ggatctctcg	gcagaaaactc	tacaagccag	aagagagtgg	306540
gggccaatat	tcaacattct	taaagaaaa	aattttcaac	ccagaatttc	atatccagcc	306600
aaaccaagct	tcataagtgg	aggagaaata	aaatacttta	cagacaagca	aatgctgaga	306660
gattttgtca	ccaccaggcc	tgccctaaaa	gagctcctga	aggaaagcact	aaacatggaa	306720
aggaacaacc	ggtaccagcc	actgcaaaa	catgccaaaa	tgtaaagacc	atcgaggcta	306780
ggaagaaaact	gcatcaacta	acgagcaaaa	tcaccagcta	acatcataat	gacaggatca	306840
aattcacaca	taacaatatt	aactttaaat	gtaaatggac	taaatgctcc	aattaaaaga	306900
cacagactgg	caaattggat	aaagagtcaa	gacccatcag	tgtgctgtat	tcaggaaaacc	306960
catctcatgt	gctgagacac	acataggctc	aaaataaaa	gatggaggaa	gatctagcaa	307020
gcaaatggag	aacaaaagaa	ggcaggggtt	gcaatcctag	tctctgataa	aacagacttt	307080
aaaccaacia	agatcaaaa	agaccaagaa	ggccattaca	taatggtaaa	gggatcaatt	307140
caacaagaaa	agctaactat	cctaaatgta	tatgcatcca	atacaggagc	accagatttc	307200
ataaagcaag	tcctgagtga	cctacagaga	gacttagact	cccacacaa	aataatggga	307260
gactttaaca	cccactgtc	aacattagac	agatcaatga	gacagaaagt	taacaaggat	307320
atccaggaat	tgaactcagc	tctgcacca	gtggacctaa	tagacatcta	cagaactctc	307380
catcccaaat	caacagaata	tacatttttt	tcagcaccac	accacaccta	ttccaaaatt	307440
gaccacatag	ttggaagtaa	agctctcctc	agcaaatgta	aaagaacaga	aattataaca	307500
actgtctctc	agaccacagt	gcaatcaaac	tagatctcag	cattaagaaa	ctcactcaaa	307560
actgctcaac	tacatggaaa	ctgaacaacc	tgctcctgaa	tgactactgg	gtacataatg	307620

aaatgaaggc agaaataaaag atgttctttg aaaccaatga gaacaaagac acaacataacc 307680
 agaattctctg ggacacattc aaagcagtggt gtagaggggaa atttatagca ctaaatgccc 307740
 acaagagaaa gcaggaaaaga tccaaaattg acaccctaac atcacaatta aaagaactag 307800
 aaaagcaaga gcaaacacat tcaaaagcta gcagaaggca agaaataact aaaatcagag 307860
 cagaactgaa ggaaatagag acacaaaaaa cccttcaaaa aattaatgaa tccaggagct 307920
 ggtttttttg aaaggatcaa caaaattgat agaccgctag caagattaat aaagaaaaaa 307980
 agggagaaga atcaaataga cacaatacaa aatgataaaag gggatatcac cactgatccc 308040
 acagaaatac aaattaccat cagagaatac tacaaacacc tctacgcaaa taaactagaa 308100
 aatctagaag aaatggataa attccttgac ccatacacct tcccaagact aaaccaggaa 308160
 gaagttcaat ctctgaatag accaataaca ggatctgaaa ttgtggcaat aatcaataac 308220
 ttaccaacca aaaagagtcg gggaccagat ggattcacag ccgaattcta ccagaggtag 308280
 aaggaggaac tgggtgccatt ccttctgaaa ctattccaat caatagaaaa agaggggaatc 308340
 ctccctaact cattttatga ggccagcatc atcctgatac caaagcctgg cagagacaca 308400
 accaaaaaag agaatttaag accaatatcc ttgatgcaaa aatcctcaat 308460
 aaaatactgg caaaccaaat ccagcagcac atcaaaaaagc ttatccacca tgatcaagt 308520
 ggctcatccc tgggatgcaa ggctgggttca atatatgcaa atcaataaat gtaatccagc 308580
 atataaatgg aaccaaaagac aaaaaccaca tgattatctc aatagatgca gaaaaggcct 308640
 ttgacaaaat tcaacaacct tcatgctaaa aactctcaat aaattaggta ttgatgggac 308700
 atatctcaaa ataataagag ctatctatga caaactcaca gccaatatca tactgaatgg 308760
 gcaaaaactg gaagcattcc ctttgaaaac tggcacaaagc cagggatgcc ctctctcacc 308820
 actcctattc aacatagtggt tggacgttct ggccagggca attaggcagc agaaggaaat 308880
 aaagggattt caattaggaa aagaagaagt caaattgtcc ctgtttgcag atgacatgat 308940
 tgtatatcta gaaaacccca ctgtctcagc ccaaaatctc cttaagctga taagcaactt 309000
 cagcaaaagtc tcaggataga aaatcaatgt gcaaaaatca caagcattct tatacatcaa 309060
 taacagacaa acagagagcc aaatcatgag tgaactccca ttcacaattg cttcaaaagag 309120
 aataaaaatac ctaggaatcc aacttacaag ggatgtgaag gacctcttca aggagaacta 309180
 caaaccactg ctcaatgaaa taaaagagga tacaaagaaa tggagaaca ttccatgctc 309240
 atgggttaga agaatacaata tcatgaaaac ggccatgctg cccaaggcaa tttatagatt 309300
 caatgccatc cccatcaagc taccaatgac tttcttcaca gaattggaaa aaactacttt 309360
 aaagttcata tggaaacaaa aaagagcccg catcaccaag tcaatcctaa gccaaaagaa 309420
 caaagctgga ggcatacagc tacctgactt caaactatac tacaaggtta cagtaacca 309480
 aacagcatgg tactgggtacc aaacagagat atagatcaat ggaacagaa acagccctca 309540
 gaaataacgc cgcatttcta caactatctg atctttgaca aacctgagaa aaacaagcaa 309600
 tggagaaaga attccctatt tcataaatgg tgctgggaaa actggctagc catatataga 309660
 aagccgaaac tggatccctt ccttacacct tatacaaaaa ttaattcaag atggttttaa 309720
 gacttaaaaa ttagacctga aaccataaaa accctagaag aaaacctagg tattaccatt 309780
 caggacatag gcgtgggcaa ggacttcatg tctaaaacac caaaagcaat ggcaacaaaa 309840
 gccaaaattg acaaatggga tctcattaaa cttaaagagct tctgcacagc aaaagaaact 309900
 actatcagag tgaacaggca acctacaaaa taggagaaaa ttttcgcaac ttactcattt 309960
 gacaaagggc taatatccag aatctacaat gaactcaaac aaatttaca gaaaaaaaca 310020
 accgcatcaa aaagtgggtg aaggacatga acagacact ctcaaaagaa gacatttatg 310080
 cagccaaaag acacatgtaa aaatgctcat catcactggc catcagagaa atgcaaatca 310140
 aaaccacaat gagataccat ctacacaccg ttagaattggc aatcattaaa agtcaggaa 310200
 acaacagggtg ctggagagga tgtggagaaa tgggaacact tttacactgt tgggtgggact 310260
 gtaaactagt tcaaccattg tgggaagtca tgtggcaatt cctcaggcat ctagaactag 310320
 aaataccatt tgaccagacc atccattac tgggtatata cccaaaggac tataaatcat 310380
 gctgctataa agacacatgc acacgtatgt ttattgtggc actattcaca atagcaaaga 310440
 cttggaaccc actcaaatgt ccaacaatga tagactggat taagaaaatg tggcacatat 310500
 acaccatgga atactatgca gccataaaaa atgatgagtt catgtccttt gtagggacat 310560
 ggttgaaatt ggaaatcatc attctcagta aactatcgca acgacaaaac accaaacacc 310620
 gcatgttctc actcataggt ggggaattgaa caatgagaac acatggacac aggaagggga 310680
 acatcacact ctggggactg ttgtgggggt gggggagtg ggagggatag cattaggagc 310740
 tataccta atgctaaatgac gagttaatgg gtgcagcaca ccagcatggc acatgtatc 310800
 atatgtaact aacctgcaca ttgtgcacat gtaccctaaa acttaaagta taataataat 310860
 aaaattttaa ataataaata aataaaaaata aataaaaaata aaaatcagct tagaaattgt 310920
 tccagaagtt aatgtcttca tttataaagg aagacagtga ctggcctaca gaactgagtg 310980
 actagactgc acagctagct aggagcaaa cctgaatgag aatcaatctg aacccccct 311040

E'
 Conf

ccatgtagtg ccatttagtg gttaagatac ttaacatctg tgccctcagtt tcttcaactg 311100
 tgaaacagga gttatatcgc atacctcata tgattgtgta aataacacat taaaaaatag 311160
 atatcaagtg cttggcataa attttttttc tttttttttg aaacggagtc ttgtctctgtc 311220
 acccaggctg gagggcagtg gcgtgatctc aggtcactgc agtggcacga tcttggctca 311280
 ctgcagcctc cacctcctgg gttcaagcaa ttttcctgcc tcagcctccc gagtagctgg 311340
 gactacaggc acacgccgcc atgcccggct tatttttgta ttttttagtag agacgggggtt 311400
 tcaccatatt ggccaggatg gtcttgatct cctgccctcg tgatccactg gcctcggcct 311460
 cccaaagtgt tgggattaca ggcatgagcc acggcgccca gctgggtttt tttttttttt 311520
 tttttttttt aatactaagt ctggcaagga tatggagcaa ctaagactgt catacactgc 311580
 tgggtgggaat gcaaaatgga acatctgctt tggaaaacag ttgagtgggt tcttcacact 311640
 tgatcttcac caaacggctg agaagcaata agcagtttct tataaagtta aatatacact 311700
 taccatacaa cccagaaatt ccactcctag gtatttatcc aagtcaagtg aaaatatatg 311760
 tccacacaaa aacctacata tgaatacata tagcaacttt attcacaatc ttcaaaaact 311820
 aggaacaacc caaatattgg tcagctatga atggataaac caactgcagc acatccgtac 311880
 agtgaaacac tgatcagcaa taaaaggaac aaattataat acacacagca gtttagatga 311940
 atctcaaaga tgctatgtta attgaaaggc accagttctt taaaagctgc attctgaatg 312000
 attccattca tatgacattc tggaaaaggc aaaactgaag gaacaaaaac aggtcagtta 312060
 tcaccaaggg gtggaggggag gacttggtta caaaaggata tgagggaatt ctggagtgtg 312120
 atgaaattgc tctgtatctc agttgaggtg tgagttagat ggctgaatga gtttatccaa 312180
 actcatagag ctgtacattc aaaagaagaa attttggtat atataatttt ttatcaattt 312240
 aaaaaatata taaaaataa aagaggggaat cccaaagatg aaataaaaaac aaaacattcc 312300
 tgggacttaa cagactcttt gaaaaacaag ttttcttcta ttttccctc ctttccctga 312360
 gaaagaatta ctcatgattg aaagccctta aaaagaattt gcttactcag atattatttt 312420
 taaaaggagt gaaattcatg actcacaaag tgtctatttt cttctggctt ttaagtcatt 312480
 ttttacttca ttttttcaac aaataattat cgatcaccta taagcaaaga atgtcttcct 312540
 gagctctcac ttataattga acatttagag ctgaaggaat ccttagaaat cagttagtct 312600
 acattgcaga tgaagtaact gaggcctga aaagtgaag tcaactaccc agtgccacc 312660
 agaaagtggg tggcagaatc ccagccagca cttagagtgt ctaacggggc ttcggtcttt 312720
 tcaactgtgct catctttgca gcccctgaac cttatcctaa gaagctaaca gctgctttga 312780
 gaagtgattt cttcagctgt gtgaatgtac cttcactgg tgggatttat aaagtgtgat 312840
 ggtgggggta cagggaataa tttgggacaa agcattgtat tctgagcttc tggaaactca 312900
 cttcacaagc tgcttccctt ccctaagagg agtccttgtt tcttacagta aacaggaaca 312960
 ggaacagatt gcatggaaga atcattagta ggcacctgga agtggcaaga tccctctcct 313020
 gttactatca aagctttgtt tttacccaag agcagtaaga accttcttga actggtgtag 313080
 gtggagctct ctaataatac cccaagataa tgaaagacac tactcctgaa gtcattcctt 313140
 aggctaatac ataaaaggat ggatgaccag agggtaagag ctggtaaatc ccaaaggcgt 313200
 gagcaatgca aattgagggg cattctagca tccagatcat tgaaggaaac taaagagaca 313260
 tgacaagtaa atggaactca tgattatttt gaatgctttg ttatcaggca gtgttattgg 313320
 acaattgggg gaaatctgaa tgtttccata tacaagataa cagaatcaga tctattaatg 313380
 tgaatttcct gattctgggt gcagttttgt ggttatgtag aagtgtttt atttgtacaa 313440
 aatacacaca agtatgagt gggggacatt ggggtagcaa cttattctca aaagactcag 313500
 ggacaaaata gttctttata ctattcctgt aacttttctg taagtatggg attcaaaatt 313560
 aaaataatat ttaaaatatg aggacatttt agatattatc cttataaaac taagcagcta 313620
 tggctgtatt ctttagagcc cttattagat agagataaat aattagaggg tacacagcat 313680
 agtctataat tgatgggcaa ataagtagat gtgataaaat gtattttttt ataaatgaaa 313740
 ggtaagcaca ggaagaggta ataaaggaat ttggaggatg agagattgag tttggaggaa 313800
 atgggcaggg gagagaagaa gagctttctt ggtgtttaat agtttttcat cagcaaggga 313860
 gtcagccaaa cacgtattcg ggatgtgacc ccaagcagtt caaattttg aacattaggg 313920
 aaccttctt caggactcct gtgtcaaggg accattatcc agcccaacga gcactgtcct 313980
 gagagtctg aaacctggac tctagtcccc tatttgtccc caactgcaa ttcaatcttg 314040
 ggcaaaaaca cctgtaaatg aagtatttgg actaaaatga tgtttgacaa tccctaaaaa 314100
 acttaaaagg cttttgtttc ttgaagaaaa tgataaaatt tagaaaggaa atgcaccata 314160
 gaaagaaata gaaaacaatg aaaatataaa ttctttttat ttgagatacc cagctaacta 314220
 aaggaatagt tcctgccacc ccatgtccct ctctttgaaa aaggaaacat aggaactctt 314280
 ttaatttgaa cagcacagag aatactgccc tcccttctca catcttagat aacagcaaga 314340
 gagtctctt aaattgaatt tctatttatg aatctaaaaa ttcaaatgca tcattgcaga 314400
 atatagtgtg ttttccaaat atcagaataa atttacacgg caatattcca agactagaac 314460

21
 conf.

acctatagct tttctgtcag cctaaaatga gtttgtttat ggaatgactg attttgtttt 314520
 tgacccgtaa tttatttaga atgtattatt ttaaaattta ctcacatgtg taaatgttta 314580
 atctttatct ttattacaga tttctaacaa tttttattgt ggtagacac tagattttat 314640
 atgaaaccaa ttattcagca tttattgagg gttaaattgt cttagcacatg gtcagttttc 314700
 gcaaatgtta catgagagcc tgggaagaat gtcttgctct atgtgtatct attaagttca 314760
 gcttattaag tatgttattc agatattttc tatcattact aatattttga atgcttcact 314820
 tatcaataac tgagcaaggt atattaaaat ccagcattgt gagaatatat ctgacagttt 314880
 ctctttgtag tcctctatgt attttgattc tgttttatta gatgcatgct catttagaat 314940
 tctttttttc ttctttgtga attgaattat tatgtagtga ctttctttat ctctaataat 315000
 gcttttttaa cttaaaatgt atttttatca tattaatatg gctaccctag atttcttttg 315060
 gttattattt gcctggtagc tttgtcaaaa attattttac tttcaatctt tcaatgccat 315120
 catgttatgg gtatatttct tgtaacaaca cctagctgga ttttgttttt tagtcagtga 315180
 gtctagtcca ttacatttta ttataattat gaatgatggg gggatattta gtacaatta 315240
 aaataatcct tttagaaatg gtttttaaca gtatattaaa ccaacatttg cactcaggat 315300
 cctgcccaga gtgaactgag aaagagggaa gtgccattga cagaaagagg ccttcaaggc 315360
 acgtgctcta tctgggcacg ctgcaggcta tgggaagcctc taccagttca cctgcctgct 315420
 tctggagaga gagctgttct gtctttgccc acctgattca gagacagcca tttgaaacac 315480
 tacacatgga gaattttaaa cctctttctg taaaatgtat ccttaatgaa gattccggat 315540
 gcttgtagc accaaatgat tgttgaaatg acgatattaa aggtaaaata cattgtacca 315600
 ttccattcct gcagtgaact acacatattt gatgtgcagg gatttcttac attccacaaa 315660
 atcattttca ggttttcctt aaactatgcc tgtgttctct taaggctttc tggtaaacca 315720
 ggttttcatg attattttcta agaaattaca tgtttttcac tcccactgtg tcactagtct 315780
 cctgggtgct tttttttttt tttcaaattc atccagagaa gttaaaaaat ctaaaatagt 315840
 atcttaacca agatagagct acaaaattgt ttgaggcttc cagttaaca gaaataggat 315900
 tgctatgcaa ttcaccactg agaaagcaac aataacgtac atgatagtaa ataataccta 315960
 gcatgataag aggtgtgtgt gtgtgtatat gtatgcatgt atgtctgtgt atgaaatccc 316020
 cacttaaaaa taagaaaccg aagacataga aaatttaagt attttactcc attccgatac 316080
 tataacaaaa tacttcaggg tggccaattt atacacaata ggaattttat gataaatgac 316140
 ttttacctca atttttaaaa aagaaaaaat atatgtatac aaagaagtga ccagggggat 316200
 tggccatagt aaagtcattg ataccatagt gagagtagtt tcagggaata agagagggcc 316260
 aagactcaag aggagtggat tcagaaagag tgtgcagtaa aaaagcaaca aacataactc 316320
 tttcaagaag ttttggtggg aatagagatc aaagtgatgg gttgagaagg ggatgagcct 316380
 tgggggatgt ggagggttaa ggagggttta ttggttagga aaagatatag cagggtcatgt 316440
 gtgtacccta acaggaatga tctagtagag gtagaaagtg attgtgaggt aaagagagaa 316500
 gatgactgca ggagggaatg tctactgtgat ggtgacagag gccaggatcc agagcactca 316560
 ggtagagttt tgtctttgat aggagcaggg aggatccctt aattaggcac agaagaggag 316620
 gccaaatata tagttactga tccaaataag tgggcagttt gaatactggg aaaatggaat 316680
 gtttatgtga ttgttttggt tttccatttg agaaaacagg tgaagtcatg ggctgagaac 316740
 tagggtagag gtccaacctt acattctcct tccacactgc cctagtagag tatctctgtg 316800
 agggcttcac cccagcagca ggcttctgtc tgaacaccag gcttttgctg acattctctg 316860
 aaacctagga agatgcttcc aagccacttt cactcttgca ttctgtgcac ctgcaggctt 316920
 aacacctgt agaagctgcc agagcttatg gcttgacccc tctggagctc tggcctaagc 316980
 tggacctctt tgaaccaagg ctgaaaccag agcagctggg atgtgaggag cagtgtcccg 317040
 aggctgtgca gggcagtggg tccctgagcc tggctcctga acccattctt cctcctagg 317100
 cctctgggcc tgtcatggga ggggctgcca tgaatatcac tgaaatgcct ttgaggcctc 317160
 ttctcattg tctggatatt tacacttaac ccacttttag gtatgcaaat atctctagca 317220
 ggtggttgct ccatagcctg cttgaatttc tctcccccaa aaaagctttt tctttctttg 317280
 tcacatggct aggctgcaaa ttttccaaac ttttatgcta tccttccctt ttaaataata 317340
 attccaaatt ttgtcatttc tttgtccaa tatctggaca taggttggtta gaagcagcca 317400
 ggacacatct tgaaggcttt gctgcttaga aatttcttcc accagatacc ctcaatcatc 317460
 actttgaagt tcaaaacttc acagatccct agggcataga cagaatgcag ctaagctctt 317520
 tggtaaggca taacacctgt gacctttgct ccagttccca ataagttcct catttccatc 317580
 tgacaccttg tcagcctgga cttcactgtt catatcacta tcagcatttt ggtcacaacc 317640
 atttaaccag tctctaagaa gttctaaact tttctcatc ttcctctctt cttctgagcc 317700
 atgtgaattc ttccaatttc tgcccattac ccaggttcca aagggtgctt cacactttca 317760
 ggaatcttta tagcaatgcc cctctccttg gtatcaattt tctgtattag gctattttgt 317820
 gcattgctat aaagaaatat ctgagactgg gtaatttata aagaaagaag ttttaattggc 317880

E1
cont.

ttatgggtttt	ccagcctgta	caagcatagc	accaacatct	gcttggcttc	tgggaaggcc	317940
ttagcgagct	tttacttatg	gcagaagggg	aagtggggagc	aggcatgtaa	catagcaaaa	318000
gcaagagaga	gagtgaggag	gggagagggtg	ccacacttta	gaataaccag	atcttgtgag	318060
aattcattcc	ctatcacaa	gacagcacca	agccatgagg	gaacagctcc	caagacccaa	318120
acacctacca	ccaggcccca	ccgccaacag	tggagattac	aattcaacat	gagatttgca	318180
cagggacaga	tatccaaact	atatcagtc	cttataatcc	ttttttat	ctgatgcac	318240
tgttgtgatg	tctccacttt	tatttctgat	ttgatttatt	atttgcac	tttctttttt	318300
tcatagtcta	gctagggctt	tgtcaattgt	gttttgtttt	tcaaatag	aactcttgg	318360
ttgattaatt	tttttctatg	ttttttattc	cctatttatt	tttattctga	tcttttgcaa	318420
aaataaatta	atgggagtat	gtaaaactaa	aaagattcta	cacagcaaa	gaaacaatta	318480
acaaaggaaa	agacaaccta	cagactggga	aaaaatat	gcaaaccaca	tatctaata	318540
gtggttaata	tccaaaattt	ataaaaactc	ttacaactta	actgcaaaaa	accaaataac	318600
tcaattttta	aaatggccag	aggatctgaa	cagatatctc	tccaaagatg	acataaaaa	318660
ggccaacgga	tatgaaaagg	tgctcagggt	cactaatcat	taggaaaatg	caaattaaaa	318720
cctatgaaat	atcacctcac	acccctaaga	atgtctgtta	tcaaaaaaga	gaaataacaa	318780
atgttgggtg	ggagaaaaa	gaacccta	atatactg	gggggacagt	agactggtac	318840
agccactatg	gaaaacaata	tagagggtcc	taaagaaatt	aaaagtata	ctaccaatga	318900
cccagcaatc	cctcttctgg	gtatataccc	aaaggagaag	aaaataccac	cccataaaga	318960
tatctcccat	gttcattcca	acattgttca	caatagccaa	gatatggaaa	caatctaaat	319020
gtctatcaat	ggagaagtgg	ataaagaaag	tgtggcatat	atatacaatg	gaatattatt	319080
cagccttata	aaaggatatc	ctgtcatttg	ccataacatg	gatagacctg	gaggacatta	319140
cgctaagtga	aaaatagcca	gacataggaa	taaaaatatt	gcatgacctc	aattatata	319200
ggaatattta	aaaaaaaaa	gagctcaagt	acacagagat	agagaatgaa	acaacggtta	319260
cctcaggcag	ggttggtagg	ggagaggaaa	tgagggaatg	taggtcaaag	gatacaaaac	319320
agtagatacg	taggatggac	aagtctagag	atctaattgc	aatatgagga	ctaaaattaa	319380
taaaattata	ttgtattggg	aatttttgtt	aaataagtag	atttttagctg	ttcttgtcat	319440
aaaaaagtaa	ctatgtgagg	tcatagatat	attaattctgc	ttcactatag	taaccatttt	319500
attatctata	tgtatcccaa	aacatcatgt	tgtaaacctc	aaatatacac	aataaaaattt	319560
aaaaatcaaa	aataaaatat	ttttttaaag	aataaaggaa	aacatttgaa	gtagtcat	319620
tgggaggaaa	ataaacatac	tggggaaaca	cggttaagatt	gctgggcagt	gctgagtgcc	319680
attctgaatc	aagattatca	tcttaaataga	gagacttggt	atatttggat	gcttttctcc	319740
ataaatattc	tcttgtttgg	gtacagccat	ggagtaggta	tacgactgag	tttaaccatt	319800
aggtctttgc	caaacaaagg	gaaaggggtg	gaaaaagtca	aaggatattg	cgagataatg	319860
gttatgatga	tgggccatga	aattaactgt	gaggaggtag	gtgaggagt	agtatatgag	319920
gttacaaaag	aagtgagtaa	ttattatcat	gggggtagag	tcgaagtga	gggcaccatg	319980
aagtgggaaga	ttagctggta	agtatgggtg	gagggcattg	agggggtgat	tagagagtag	320040
gaggcttgaa	atcaatttca	gaggtcatgt	agtcattggc	actgatgagg	tcaattgata	320100
tgatcatggg	aatgggcaac	tcaggtaggg	taaaagaaat	gatggctgaa	tgcgaggcag	320160
ttcaaaacca	gagacagcaa	gaatacagaa	gttaagaatg	atgacaagag	tacaagggtg	320220
aagaaagagt	gggctagtca	ctgaagtaat	cagtgtatga	agagaatgac	cagggttttg	320280
tagatgtcag	caaaagaaac	acctggattt	tgtgggggtg	actgagggtga	ctagggatgt	320340
taggcattgt	ggaatcagtc	ctgacaatct	catgacagaa	ggtgggaaac	ttattgtgga	320400
gcctagggct	gctggtttct	ccagcatctg	gtgttttaag	atcagcattt	gagtccaaac	320460
tctaccacac	taactgtgtg	agcttgtgaa	aggctacgaa	aaacctgctt	attctcatct	320520
gtaaaatgaa	gacaaatggt	caatgaattg	cctagtctcat	aaggagcatt	tgaaataatg	320580
aatgcaaaag	cactttgcaa	gctctaaagg	gctatagaaa	tgttagttaa	aattaaaaat	320640
ttatgtcttg	cattgtcatg	accagccttt	aaaccagagc	tagaagaatt	acctattcat	320700
ctctttatcg	gccacaatac	gtaacacata	tcctatgatt	tagagattac	aagcttgaat	320760
aacactgaac	aataaaagct	tataaaatga	atgagtctgt	gactaatgtc	tccaatgtta	320820
ttatcaacat	taccatcatt	actgttaagc	attaatgctt	caaaaattgt	gaaaaaaggc	320880
cggacacggt	ggctcacacc	tgtaatccca	gcactttggg	aggccaagg	gggcctgtaa	320940
tgccagcact	ttgggatcac	ctgaggtcag	gaattcgaga	ccagcctggc	caacatgggtg	321000
aatcccatc	tctaccaata	ttacaaaaat	tagccaggcg	tgggtggcagg	cacctgtaat	321060
cccagctact	cgggagggtg	aggcaggaga	atcgcttgaa	cctgggaggc	agaggatgca	321120
gtgagctgag	atcacaccag	tgcagagact	tcatctccaa	aaaaaaaaa	tacacatcct	321180
ggtttttctt	tttaccaaat	ccattgaaat	gaagaaaaag	taatatttct	tcaagttaaa	321240
gtcacacaaa	tatttataca	ctttgacctc	ataatctcat	tcccataaca	tttttatcat	321300

ttaatcaagc acaacatata tttactcttt tctctgttct tcagagaaaa gtgcagaaac 321360
 cataagtaca catataaatt tttagagtga acacacacat aatagcccaa ctcctaaaaa 321420
 tttgatgtca taaaatattc ccctaaaatg taaaagccta atatctaaag atgaggtatt 321480
 cacactatgt tatagtgcag aggagcaaaa aaaagctcat tgtttggtga agggaaaatg 321540
 gagtaaatat tggcacataa attcagtgga acaatatgga gccattaaaa acgacaaccg 321600
 tgaagaaccg caaaacaaaa tccaccaact tgaatgccct tgagttaagt gggtagaaga 321660
 actatgagaa ggagcctggt ataagatgat aaaagatagg ggaggtagggt caaagacggg 321720
 cagaaaatgc agagtacaga gtgcttgcag gccccacata aagacattca cattaaaaa 321780
 tttaaaaata ataaaggaag ataaacatg gtattgaaaa acaaacatg ttatggacca 321840
 aatgttgccc ataggtcttt agtttgtgac cctttctgga gatagaggaa aatagtcaac 321900
 ggtgaaataa acatacata tatggcaata tgattataac ataaagatta tgttgacata 321960
 tggacaatca ctggaagtgt ggaaaaaatg aatgtcggcc ttggtggaaa cttggccaaa 322020
 taactttacc ccttttaagc ctcagtttct aatagggatt taaaaaattg 322080
 cctccttcgt acagctgttg taaagggtta gtgtgattga aaggggcaaag tgagttagaa 322140
 aggacctggc aagtggcaaa caaaactatt ctccccctca ttttcctcct cctcctcctc 322200
 attattattt tgttattatt aactatttct gcattttata tcccaccatc ctgtttccct 322260
 ttgttctact aactccagcc acaatagctt tcttgttatt tttccaatat gtttttagcct 322320
 tagggccaaa attccttttg ccttagtatt tgtcttactt cctgagagct tttgctcaaa 322380
 tgacacttcc tcagaaggat tttcctgtcc gcctcaccct gctttttctt cattgcactt 322440
 agaaccatct gatattctt atctgtgtat gtgtatatgt gtatatatac atacgtttat ataaacacat 322500
 ctgtgtgtat atctgtgtat tatatatata tacacacaca agggcaggac tttgcctaac 322560
 ttgtttactg ctatattccc agttccttga agggtagctg gcacataata gacattgagg 322620
 cattatttgt tgaatactgt taaatgttta gggtaggat attgtgcctt ttcttcccc 322680
 ttttttcta aatcccagaa tgacaatgtt tgtaaaatca atgatttaaa agcacatttt 322740
 cctgcagggt atcttaatgt gtaactcttt gtaactcttt gtaacttttt tgacagatca 322800
 gccatgcaga agctggggac agaagtattt gaagaggtct ataattacct caagagagca 322860
 aggcacaga atgttagcga agcagagatc cgcgagtgtt tggaaaaagt ggtgcctcaa 322920
 gccagcgaat gttttgaagt ggaccagctc ctgtactttg aagagcagtt gctgatcacg 322980
 atgggaaaaa aacctaactt ccagaacat ctctaggcaa ctatcaaaaa gaagcagaag 323040
 ttcaagtgga caaatattat tgaaaaattca tttaacatat aagctgaact ctattatggg 323100
 gaatggatac aaaagcagag ctcccatctt gactttcaat tcctcatcag aagtactggc 323160
 ttcttttag agtagtaagc atggctgcct atgcttggag tcataagtgt tatttggact 323220
 ataccctgag ataagcttat agatcaagtt tggctccctt gaaaagcatt tctctcatgt 323280
 gcgcccctcag ggcttccagc aggattgagt caccctgacg atgaccgggg agaagccgtg 323340
 tgctcttcat tattttcagc tggaggacag agctcagtg ctagctgcct aggggtctcat 323400
 ggactgtagg cagcctgcca gtgaagggtc ctggactcta gcctacaaca tgctgagcta 323460
 cagcccagaa gccagacatg cctgtcttag ctgacctgtt tttggtccac ttttgccctt 323520
 ccatgactaa taaggaagat atgtgtgtat ttcatacaca cacaaggacc tggattaaaa 323580
 atccaaaaag tgattctctt ctatgattta tttcaaaact atccatagat aattcaagat 323640
 ttgtattcaa aataaacata gttttcacag ttacaaaata aatcacctat tttatctttt 323700
 ccttatgtaa aactttctta ttgaatgtaa catatccatc ctttgataat tattacttag 323760
 agccagtaat atttgggtta tttggtgcct gtggtgact agtactgtgc ttagtagttt 323820
 aagggccttc attggatctt ttcactaact tgagagagat agagtgaag agagagaaag 323880
 agagagagag agacaacaga gaaagagaga tgctcagggt aggttaattg cttagtcact 323940
 cagctgcaag aagcagagtt ggcatttgaa actaggctcg tcgcattcca gaatccatac 324000
 tcttaaccag tgtctatcag aattttcaac catggaacta tattagattt gcttgtgaag 324060
 ctttttaaac atagacacat ttaaataatc tggtaatgaa aaaattattg acacttattg 324120
 aaatggcaaa aagactgtaa tcaggactat tttgataggt atcaacaata ttgcaatatg 324180
 ggagaggcat tgggctcaac tctgaagttt ctttgctgaa gcaaagaaaa ctagagatta 324240
 atagccaatt agcaggatag gggccttggg ggatggaaaa tttctaaaag gagtattcaa 324300
 aggttggggg ttgtattcat ctgttttagt ttgccataaa agaataccag aagctgagta 324360
 atttataaag aaaagaagtt tatgtagctc acggttttgt aggctgagaa gttcaacggc 324420
 atggccctgg cttctggcaa aagctgttgt gttccatcac aacacggcaa tgaaggggaa 324480
 gtggacaagt aggaagacag agaaacctga ggggtgtcct ggcattataa caccaccctt 324540
 ttggggaaat aatccattcc ttcaagaaac aatccagcct agagagcaag aactccagag 324600
 cagtagcaag ctatttttca ggggtgctccc ccataatcca aacattttcc actaggcccc 324660
 acctcccaac atcaccactt tggggatcaa atttcaacat aagttttgga gcaggcaaat 324720

```

attcacacca tagcagggag attcctgcta aactgactta agattccac tggaggaagg 324780
ccaggggtcat cagagattga gggcaggtga tgaggaattt gatcagatac tgaggggtgat 324840
cagctatcaa atgtggggta ttctcaataa actgacttta ccagaattct tgctaaaact 324900
gggttttgga ggctgaagac agagccaaga atgaggcctc ataaaaaaga gggctcaaaa 324960
gagcctgtct aaagtttggt cgaggagata atctttgtca ataccaagac ccacccact 325020
cccttctctg ggaagacaag gggctaaaac atatctattg tttcagaact gtctgggtga 325080
atthgatgcc cacagtactg ttattcactt ttcagcctcc tgctgatgac tgaggaaact 325140
aagagagttt ctttatctta ctaacttggt ttcagtgggt ctgtgcttcc tgcattgatgc 325200
actcttttag accagtgatt cccacatttg agcatgcatt cgaatcacct ggagtgcctg 325260
ttgaagcata gattgggtga ttccatcacc agcatttctg attcaagaga tcacggtttc 325320
taacatgttt ccaggtgggt ccagtgccac tggtagcaca cagaacaatt gttcaagacc 325380
tttctttctg ttgtctctct tctcccctc cctctttttg gaacagtgtt ttggctgctc 325440
ttaattgggg gcttaattaa tctcacatct tggaagggtg tatgaggact tccaagaagg 325500
gtccaaagac ttcaaatgct tcacagtga taaagcaag tagtgactgg ggtggagtgg 325560
taggtgagtc agtgtgaata acttgagaga acttaatggg cttattttta ggacaaaggg 325620
gcatggccac tgtgccctaa cactctatcc tgtggcttca cttctatccc tgcccagcaa 325680
ccaaaggaac caccaggtg aaccacaaat ttctctagtg ctcaagggtt atgaacatca 325740
ctcttctgag ttcccacaac tcccttacat tatagagagg ttttgggggc tgcacaaaac 325800
ttcattctgc ctcttcccaa agctaattgat gccattctc accctctctc cctgcatact 325860
ggagaattat tcctggctgg gaggtgggg gtcaggagca tgtctgtgct ctcacagccc 325920
ctgtgtctgc agcaggaaaa gcagacctca aatactgctt ctggaggtgg gatctgagac 325980
ttttcagaat ttggaacttg agtgtgtttc ccag 326014

```

<210> 4
 <211> 463
 <212> PRT
 <213> Human

E' Cont.

```

<400> 4
Met Gly Ser Cys Asp Leu Ala Thr Thr Leu Thr Gly Thr Pro His Tyr
 1          5          10          15
Met Ser Pro Glu Ala Leu Lys His Gln Gly Tyr Asp Thr Lys Ser Asp
 20          25          30
Ile Trp Ser Leu Ala Cys Ile Leu Tyr Glu Met Cys Cys Met Asn His
 35          40          45
Ala Phe Ala Gly Ser Asn Phe Leu Ser Ile Val Leu Lys Ile Val Glu
 50          55          60
Gly Asp Thr Pro Ser Leu Pro Glu Arg Tyr Pro Lys Glu Leu Asn Ala
 65          70          75          80
Ile Met Glu Ser Met Leu Asn Lys Asn Pro Ser Leu Arg Pro Ser Ala
 85          90          95
Ile Glu Ile Leu Lys Ile Pro Tyr Leu Asp Glu Gln Leu Gln Asn Leu
100          105          110
Met Cys Arg Tyr Ser Glu Met Thr Leu Glu Asp Lys Asn Leu Asp Cys
115          120          125
Gln Lys Glu Ala Ala His Ile Ile Asn Ala Met Gln Lys Arg Ile His
130          135          140
Leu Gln Thr Leu Arg Ala Leu Ser Glu Val Gln Lys Met Thr Pro Arg
145          150          155          160
Glu Arg Met Arg Leu Arg Lys Leu Gln Ala Ala Asp Glu Lys Ala Arg
165          170          175
Lys Leu Lys Lys Ile Val Glu Glu Lys Tyr Glu Glu Asn Ser Lys Arg
180          185          190
Met Gln Glu Leu Arg Ser Arg Asn Phe Gln Gln Leu Ser Val Asp Val
195          200          205
Leu His Glu Lys Thr His Leu Lys Gly Met Glu Glu Lys Glu Glu Gln
210          215          220

```

Pro Glu Gly Arg Leu Ser Cys Ser Pro Gln Asp Glu Asp Glu Glu Arg
 225 230 235 240
 Trp Gln Gly Arg Glu Glu Glu Ser Asp Glu Pro Thr Leu Glu Asn Leu
 245 250 255
 Pro Glu Ser Gln Pro Ile Pro Ser Met Asp Leu His Glu Leu Glu Ser
 260 265 270
 Ile Val Glu Asp Ala Thr Ser Asp Leu Gly Tyr His Glu Ile Pro Glu
 275 280 285
 Asp Pro Leu Val Ala Glu Glu Tyr Tyr Ala Asp Ala Phe Asp Ser Tyr
 290 295 300
 Cys Val Glu Ser Asp Glu Glu Glu Glu Glu Ile Ala Leu Glu Arg Pro
 305 310 315 320
 Glu Lys Glu Ile Arg Asn Glu Gly Ser Gln Pro Ala Tyr Arg Thr Asn
 325 330 335
 Gln Gln Asp Ser Asp Ile Glu Ala Leu Ala Arg Cys Leu Glu Asn Val
 340 345 350
 Leu Gly Cys Thr Ser Leu Asp Thr Lys Thr Ile Thr Thr Met Ala Glu
 355 360 365
 Asp Met Ser Pro Gly Pro Pro Ile Phe Asn Ser Val Met Ala Arg Thr
 370 375 380
 Lys Met Lys Arg Met Arg Glu Ser Ala Met Gln Lys Leu Gly Thr Glu
 385 390 395 400
 Val Phe Glu Glu Val Tyr Asn Tyr Leu Lys Arg Ala Arg His Gln Asn
 405 410 415
 Ala Ser Glu Ala Glu Ile Arg Glu Cys Leu Glu Lys Val Val Pro Gln
 420 425 430
 Ala Ser Asp Cys Phe Glu Val Asp Gln Leu Leu Tyr Phe Glu Glu Gln
 435 440 445
 Leu Leu Ile Thr Met Gly Lys Glu Pro Thr Leu Gln Asn His Leu
 450 455 460

<210> 5
 <211> 260
 <212> PRT
 <213> Human

<400> 5
 Tyr Cys Tyr Leu Arg Val Val Gly Lys Gly Ser Tyr Gly Glu Val Thr
 1 5 10 15
 Leu Val Lys His Arg Arg Asp Gly Lys Gln Tyr Val Ile Lys Lys Leu
 20 25 30
 Asn Leu Arg Asn Ala Ser Ser Arg Glu Arg Arg Ala Ala Glu Gln Glu
 35 40 45
 Ala Gln Leu Leu Ser Gln Leu Lys His Pro Asn Ile Val Thr Tyr Lys
 50 55 60
 Glu Ser Trp Glu Gly Gly Asp Gly Leu Leu Tyr Ile Val Met Gly Phe
 65 70 75 80
 Cys Glu Gly Gly Asp Leu Tyr Arg Lys Leu Lys Glu Gln Lys Gly Gln
 85 90 95
 Leu Leu Pro Glu Asn Gln Val Val Glu Trp Phe Val Gln Ile Ala Met
 100 105 110
 Ala Leu Gln Tyr Leu His Glu Lys His Ile Leu His Arg Asp Leu Lys
 115 120 125
 Thr Gln Asn Val Phe Leu Thr Arg Thr Asn Ile Ile Lys Val Gly Asp
 130 135 140
 Leu Gly Ile Ala Arg Val Leu Glu Asn His Cys Asp Met Ala Ser Thr

145		150		155		160									
Leu	Ile	Gly	Thr	Pro	Tyr	Tyr	Met	Ser	Pro	Glu	Leu	Phe	Ser	Asn	Lys
		165		170		175									
Pro	Tyr	Asn	Tyr	Lys	Ser	Asp	Val	Trp	Ala	Leu	Gly	Cys	Cys	Val	Tyr
		180		185		190									
Glu	Met	Ala	Thr	Leu	Lys	His	Ala	Phe	Asn	Ala	Lys	Asp	Met	Asn	Ser
		195		200		205									
Leu	Val	Tyr	Arg	Ile	Ile	Glu	Gly	Lys	Leu	Pro	Ala	Met	Pro	Arg	Asp
		210		215		220									
Tyr	Ser	Pro	Glu	Leu	Ala	Glu	Leu	Ile	Arg	Thr	Met	Leu	Ser	Lys	Arg
		225		230		235									
Pro	Glu	Glu	Arg	Pro	Ser	Val	Arg	Ser	Ile	Leu	Arg	Gln	Pro	Tyr	Ile
		245		250		255									
Lys	Arg	Gln	Ile												
		260													

<210> 6
 <211> 416
 <212> PRT
 <213> Mus musculus

E' cont.

<400> 6
Tyr Cys Tyr Met Arg Val Val Gly Arg Gly Ser Tyr Gly Glu Val Thr
1 5 10 15
Leu Val Lys His Arg Arg Asp Gly Lys Gln Tyr Val Ile Lys Lys Leu
20 25 30
Asn Leu Arg Asn Ala Ser Ser Arg Glu Arg Arg Ala Ala Gln Glu
35 40 45
Ala Gln Leu Leu Ser Gln Leu Lys His Pro Asn Ile Val Thr Tyr Lys
50 55 60
Glu Ser Trp Glu Gly Gly Asp Gly Leu Leu Tyr Ile Val Met Gly Phe
65 70 75 80
Cys Glu Gly Gly Asp Leu Tyr Arg Lys Leu Lys Glu Gln Lys Gly Gln
85 90 95
Leu Leu Pro Glu Ser Gln Val Val Glu Trp Phe Val Gln Ile Ala Met
100 105 110
Ala Leu Gln Tyr Leu His Glu Lys His Ile Leu His Arg Asp Leu Lys
115 120 125
Thr Gln Asn Val Phe Leu Thr Arg Thr Asn Ile Ile Lys Val Gly Asp
130 135 140
Leu Gly Ile Ala Arg Val Leu Glu Asn His Gly Asp Met Ala Ser Thr
145 150 155 160
Leu Ile Gly Thr Pro Tyr Tyr Met Ser Pro Glu Leu Phe Ser Asn Lys
165 170 175
Pro Tyr Asn Tyr Lys Ser Asp Val Trp Ala Leu Gly Cys Cys Val Tyr
180 185 190
Glu Met Ala Thr Leu Lys His Ala Phe Asn Ala Lys Asp Met Asn Ser
195 200 205
Leu Val Tyr Arg Ile Ile Glu Gly Lys Leu Pro Pro Met Pro Lys Val
210 215 220
Tyr Ser Thr Glu Leu Ala Glu Leu Ile Arg Thr Met Leu Ser Arg Arg
225 230 235 240
Pro Glu Glu Arg Pro Ser Val Arg Ser Ile Leu Arg Gln Pro Tyr Ile
245 250 255
Lys His His Ile Ser Leu Phe Leu Glu Ala Thr Lys Ala Lys Thr Ser
260 265 270

Lys	Asn	Asn	Val	Lys	Asn	Cys	Asp	Ser	Arg	Ala	Lys	Pro	Val	Ala	Ala
	275						280					285			
Val	Val	Ser	Arg	Lys	Glu	Glu	Ser	Asn	Thr	Asp	Val	Ile	His	Tyr	Gln
	290						295				300				
Pro	Arg	Ser	Ser	Glu	Gly	Ser	Ala	Leu	His	Val	Met	Gly	Glu	Asp	Lys
305					310					315					320
Cys	Leu	Ser	Gln	Glu	Lys	Pro	Val	Asp	Ile	Gly	Pro	Leu	Arg	Ser	Pro
				325					330					335	
Ala	Ser	Leu	Glu	Gly	His	Thr	Gly	Lys	Gln	Asp	Met	Asn	Asn	Thr	Gly
			340					345					350		
Glu	Ser	Cys	Ala	Thr	Ile	Ser	Arg	Ile	Asn	Ile	Asp	Ile	Leu	Pro	Ala
		355					360					365			
Glu	Arg	Arg	Asp	Ser	Ala	Asn	Ala	Gly	Val	Val	Gln	Glu	Ser	Gln	Pro
	370					375					380				
Gln	His	Val	Asp	Ala	Ala	Asp	Glu	Val	Asp	Ser	Gln	Cys	Ser	Ile	Ser
385					390					395					400
Gln	Glu	Lys	Glu	Arg	Leu	Gln	Gly	Asn	Thr	Lys	Ser	Ser	Asp	Gln	Pro
				405					410					415	

ε'
Encl.